

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080909.D
 Acq On : 7 Aug 2015 2:41
 Operator : TP/UM
 Sample : G3196-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:48 AM

Quant Time: Aug 07 05:38:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62620	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	252183	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	116680	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	244657	20.00	ng	0.01
75) Chrysene-d12	13.96	240	203330	20.00	ng	0.00
86) Perylene-d12	15.36	264	166174	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	238694	60.77	ng	0.00
7) Phenol-d6	6.44	99	230492	42.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	434235	81.12	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	144188	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	665924	81.35	ng	0.00
78) Terphenyl-d14	12.91	244	662435	68.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	29297	15.40	ng	98
3) Pyridine	3.10	79	67385	12.59	ng	98
4) n-Nitrosodimethylamine	3.02	42	47337	17.10	ng	96
6) Aniline	6.46	93	145281	18.11	ng	100
8) 2-Chlorophenol	6.59	128	148784	33.36	ng	100
9) Benzaldehyde	6.35	77	37919	10.18	ng	93
10) Phenol	6.45	94	94714	14.60	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	181644	39.54	ng	97
12) 1,3-Dichlorobenzene	6.75	146	170422	35.23	ng	98
13) 1,4-Dichlorobenzene	6.83	146	171153	34.74	ng	99
14) 1,2-Dichlorobenzene	6.98	146	156918	34.75	ng	100
15) Benzyl Alcohol	6.96	79	127873	29.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	359567	38.14	ng	99
17) 2-Methylphenol	7.07	107	111650	27.93	ng	98
18) Hexachloroethane	7.32	117	62694	33.51	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	146931	38.16	ng	100
20) 3+4-Methylphenols	7.22	107	120852	24.94	ng	# 42
22) Acetophenone	7.22	105	256229	40.63	ng	# 88
24) Nitrobenzene	7.39	77	203252	37.26	ng	100
25) Isophorone	7.64	82	427546	41.67	ng	99
26) 2-Nitrophenol	7.71	139	85271	37.24	ng	98
27) 2,4-Dimethylphenol	7.76	122	165278	37.62	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	232978	38.31	ng	99
29) 2,4-Dichlorophenol	7.95	162	131759	37.62	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	150425	38.74	ng	99
31) Naphthalene	8.12	128	543144	39.69	ng	100
32) Benzoic acid	7.85	122	43874	15.70	ng	98
33) 4-Chloroaniline	8.17	127	125884	22.26	ng	97
34) Hexachlorobutadiene	8.24	225	79323	35.90	ng	99
35) Caprolactam	8.56	113	11964	9.15	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	157393	37.31	ng	98
37) 2-Methylnaphthalene	8.81	142	334896	39.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	153893	43.30	ng	98
40) Hexachlorocyclopentadiene	8.97	237	183601	90.03	ng	99

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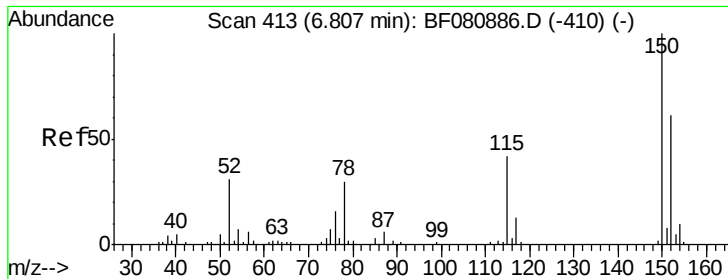
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	99894	38.10	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	105250	39.59	nq #	85
45) 1,1'-Biphenyl	9.28	154	460412	46.64	nq	99
46) 2-Chloronaphthalene	9.30	162	340841	44.16	nq	98
47) 2-Nitroaniline	9.39	65	123938	39.48	nq	96
48) Acenaphthylene	9.71	152	524255	38.73	nq	99
49) Dimethylphthalate	9.58	163	449285	48.49	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	94942	47.78	nq #	67
51) Acenaphthene	9.88	154	371229	45.13	nq	99
52) 3-Nitroaniline	9.80	138	59949	24.40	nq	96
53) 2,4-Dinitrophenol	9.92	184	110539	101.53	nq #	70
54) Dibenzofuran	10.05	168	445616	40.00	nq	98
55) 4-Nitrophenol	9.97	139	69597	37.54	nq	96
56) 2,4-Dinitrotoluene	10.04	165	132091	49.42	nq #	75
57) Fluorene	10.40	166	349946	40.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	87713	41.35	nq #	98
59) Diethylphthalate	10.28	149	456670	45.24	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	177840	43.53	nq #	76
61) 4-Nitroaniline	10.42	138	93743	37.20	nq	85
62) Azobenzene	10.54	77	477360	43.16	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	57361	35.99	nq #	70
65) n-Nitrosodiphenylamine	10.51	169	322763	37.03	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	97811	36.78	nq	93
67) Hexachlorobenzene	10.94	284	121658	42.31	nq #	93
68) Atrazine	11.05	200	110081	43.74	nq	97
69) Pentachlorophenol	11.14	266	136160	84.49	nq	99
70) Phenanthrene	11.36	178	589414	41.17	nq	99
71) Anthracene	11.40	178	532091	37.76	nq	99
72) Carbazole	11.56	167	556648	39.11	nq	98
73) Di-n-butylphthalate	11.89	149	689627	39.74	nq	99
74) Fluoranthene	12.53	202	585444	37.40	nq	100
77) Pyrene	12.76	202	581032	38.45	nq	100
79) Butylbenzylphthalate	13.39	149	332810	46.04	nq	97
80) Benzo(a)anthracene	13.95	228	500339	37.67	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	58755	11.81	nq	98
82) Chrysene	13.99	228	478239	37.67	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	445437	44.96	nq	99
84) Di-n-octyl phthalate	14.56	149	738556	42.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439891	35.58	nq	99
87) Benzo(b)fluoranthene	14.97	252	525707m	45.05	nq	
88) Benzo(k)fluoranthene	14.99	252	395752m	40.25	nq	
89) Benzo(a)pyrene	15.31	252	461580	45.90	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	364717	42.07	nq	99
91) Benzo(g,h,i)perylene	17.13	276	367371	43.72	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

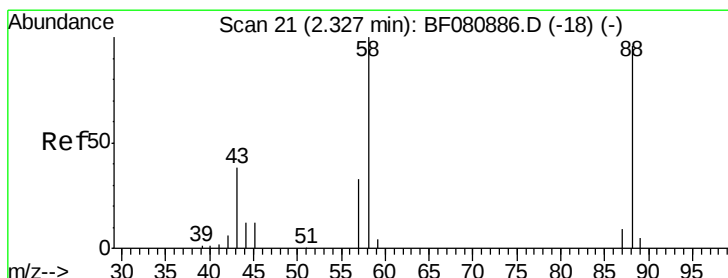
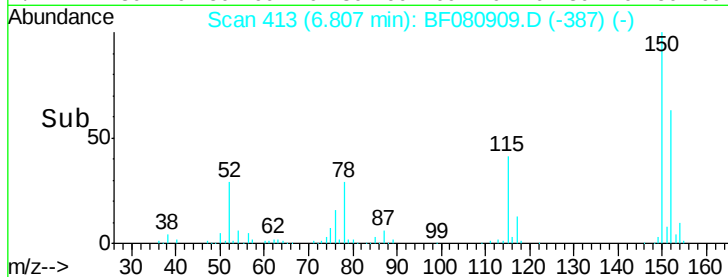
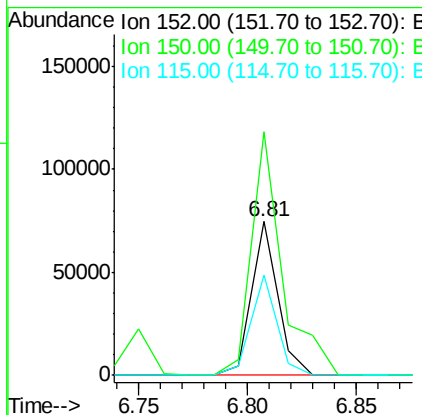
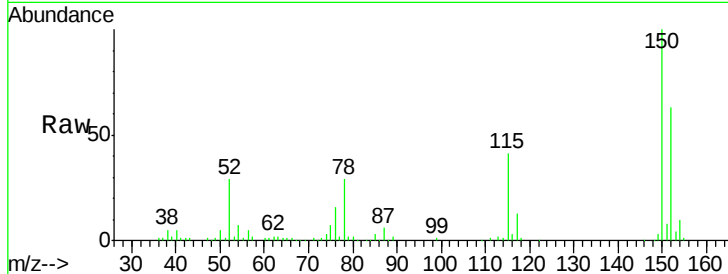
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	132.2	198.2
115	64.8	54.9	82.3

Manual Integrations
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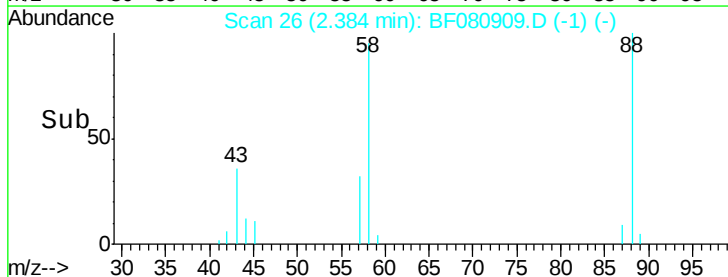
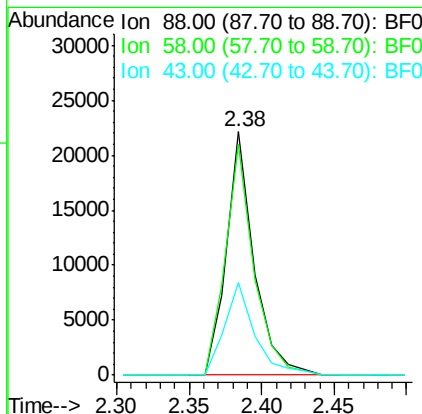
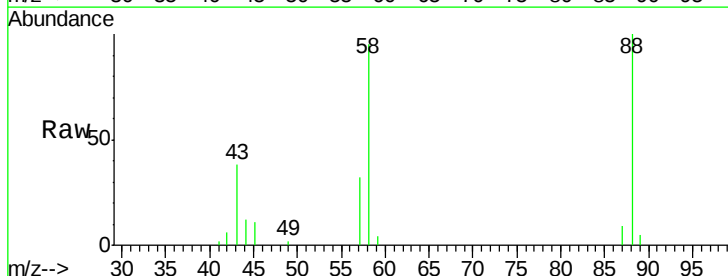
MMDadoda
8/10/2015 10:15:48 AM

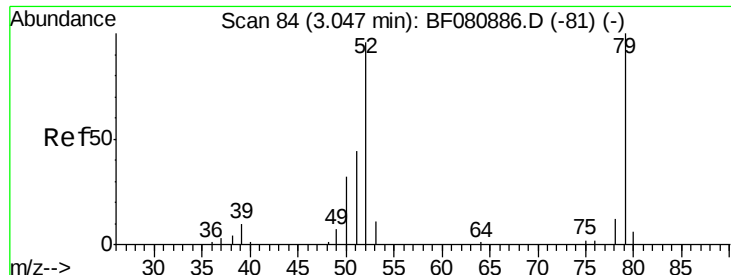


#2

1,4-Dioxane
Concen: 15.40 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.06 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.8	78.2	117.4
43	41.2	29.1	43.7





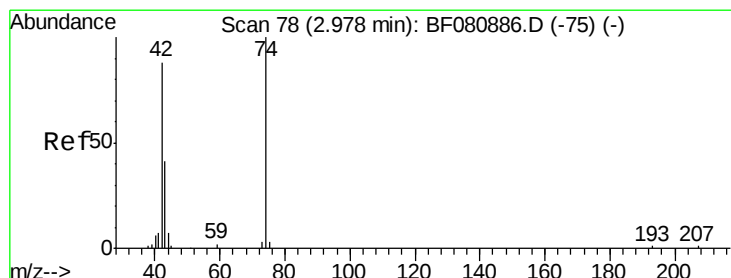
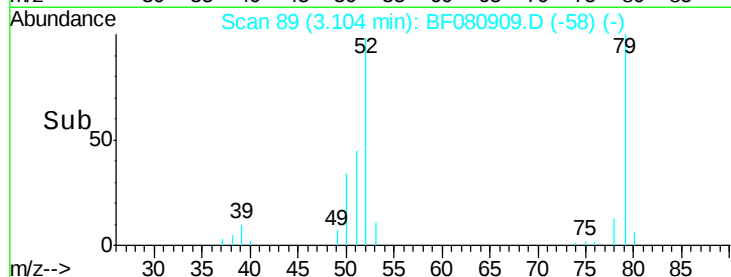
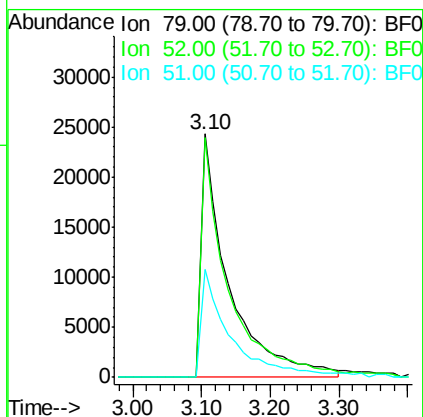
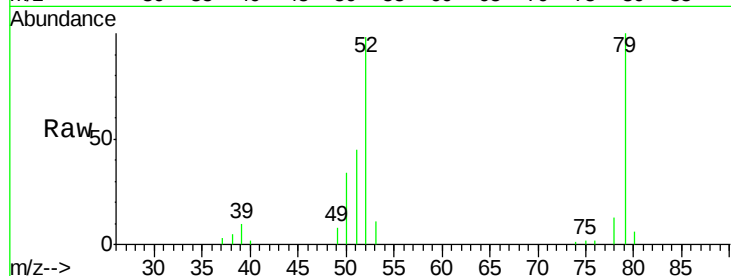
#3
 Pvridine
 Concen: 12.59 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.06 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion: 79 Resp: 67385
 Ion Ratio Lower Upper
 79 100
 52 98.4 76.7 115.1
 51 44.6 35.8 53.6

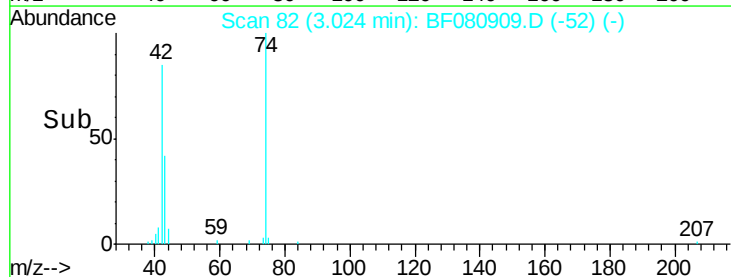
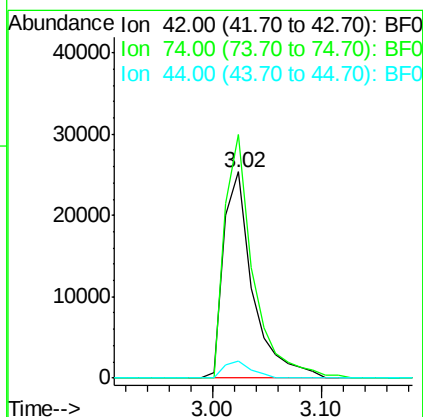
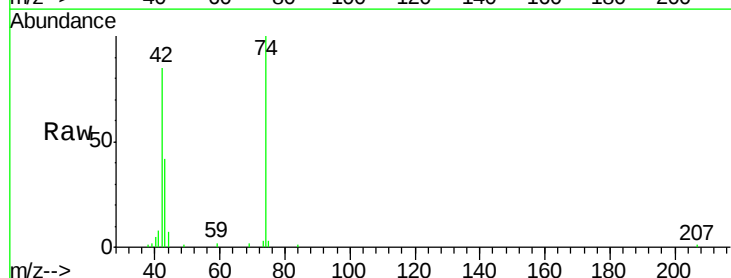
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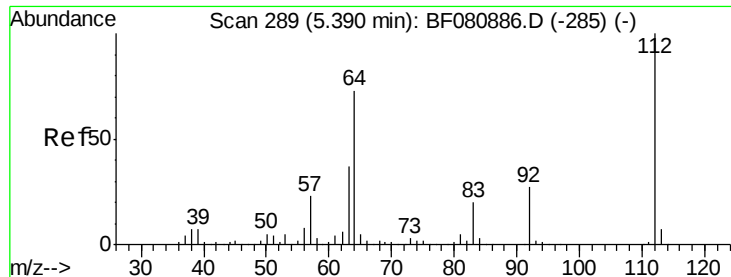
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 8/10/2015 10:15:48 AM



#4
 n-Nitrosodimethylamine
 Concen: 17.10 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.05 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion: 42 Resp: 47337
 Ion Ratio Lower Upper
 42 100
 74 117.9 90.6 135.8
 44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 60.77 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

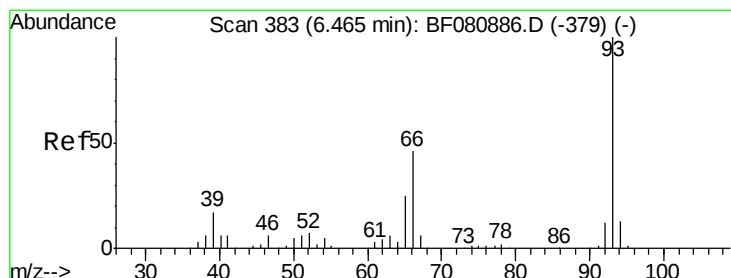
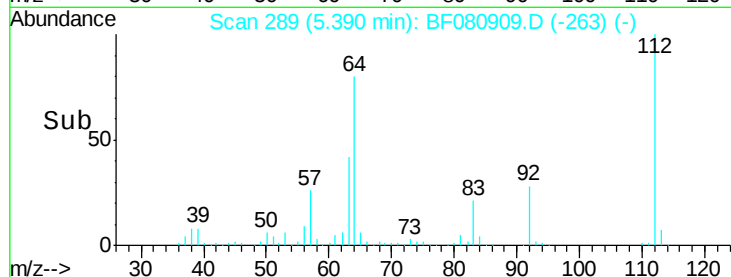
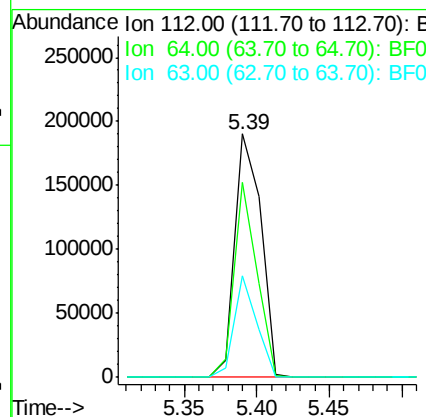
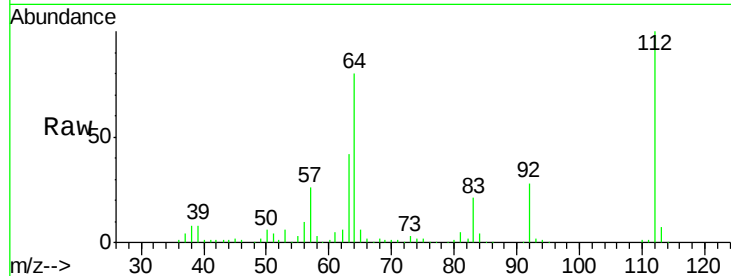
ClientSampleId :

MW-3MS

Tot Ion:	112	Resp:	238694
Ion Ratio	Lower	Upper	
112	100		
64	80.0	58.0	87.0
63	41.8	29.8	44.8

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8/10/2015 10:15:48 AM



#6

Aniline

Concen: 18.11 ng

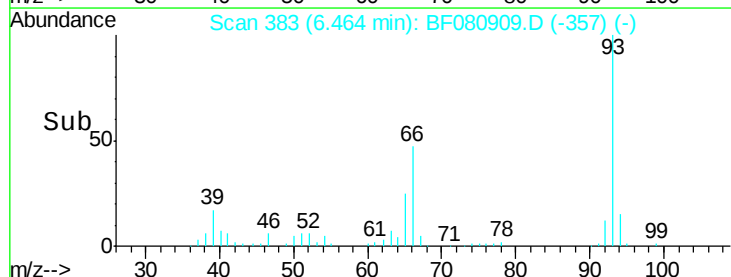
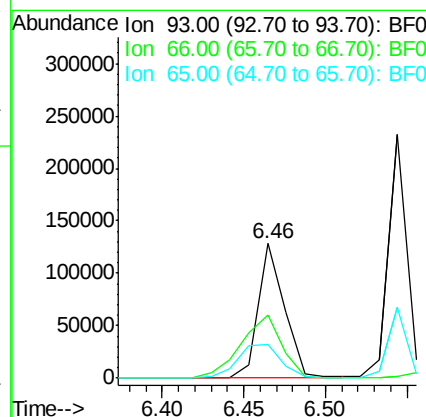
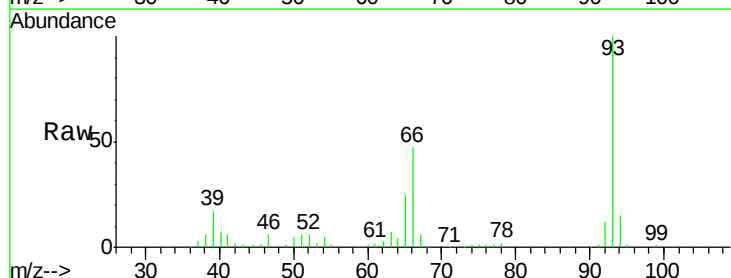
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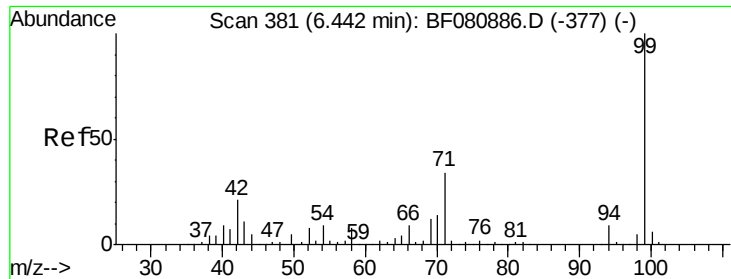
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	93	Resp:	145281
Ion Ratio	Lower	Upper	
93	100		
66	47.1	37.4	56.0
65	24.9	19.8	29.6





#7

Phenol-d6

Concen: 42.62 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

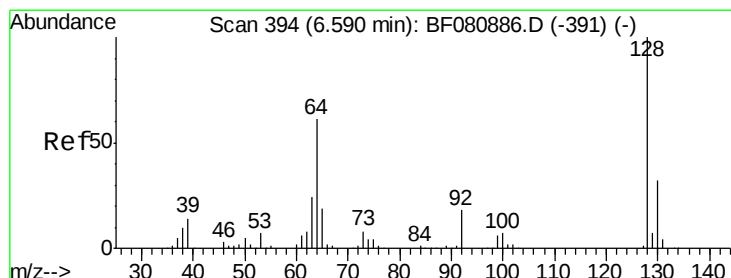
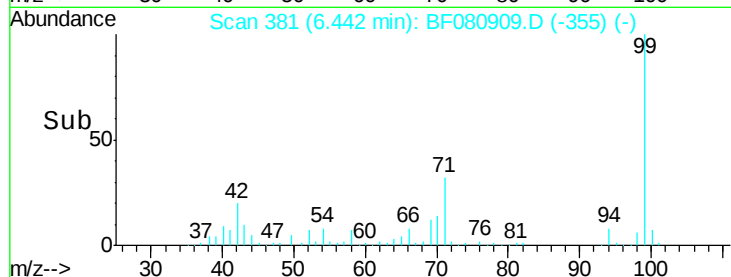
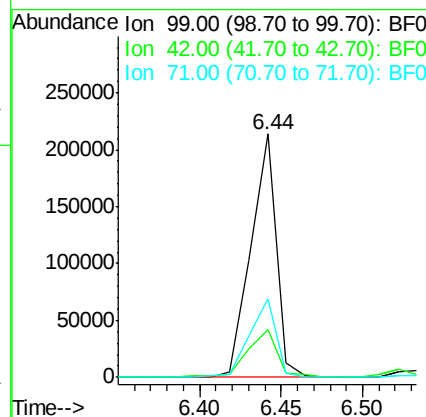
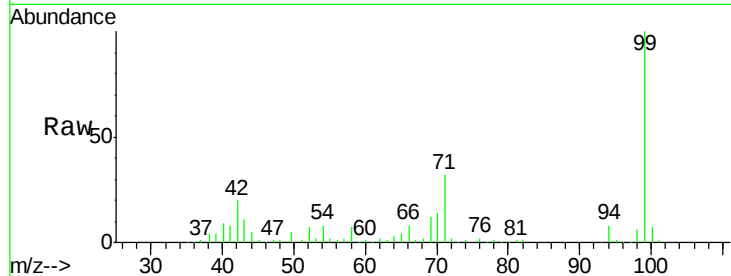
ClientSampleId :

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Tot Ion:	99	Resp:	230492
Ion Ratio	Lower	Upper	
99	100		
42	19.5	16.8	25.2
71	32.1	27.4	41.0

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#8

2-Chlorophenol

Concen: 33.36 ng

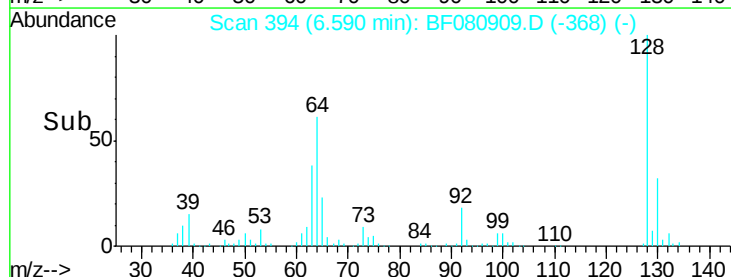
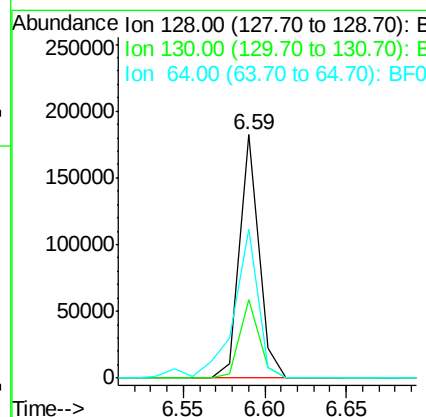
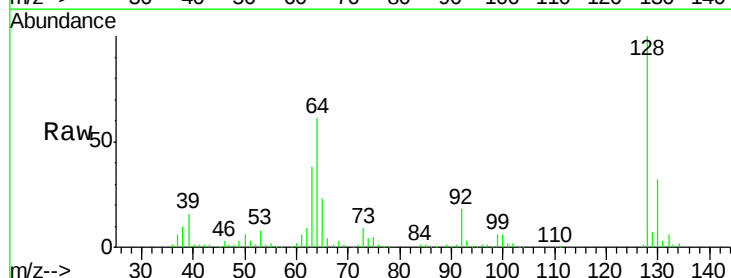
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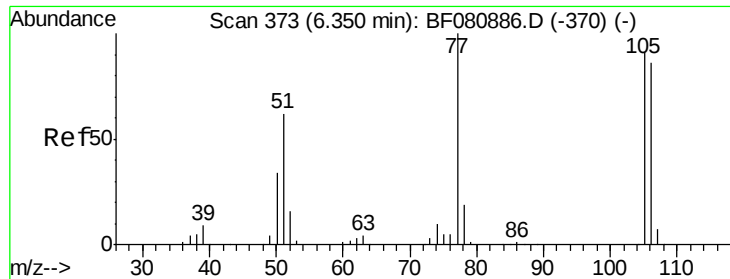
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	128	Resp:	148784
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.1	52.1
64	61.0	41.3	81.3





#9

Benzaldehyde

Concen: 10.18 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

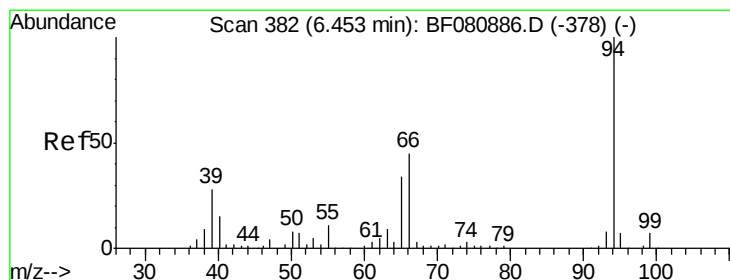
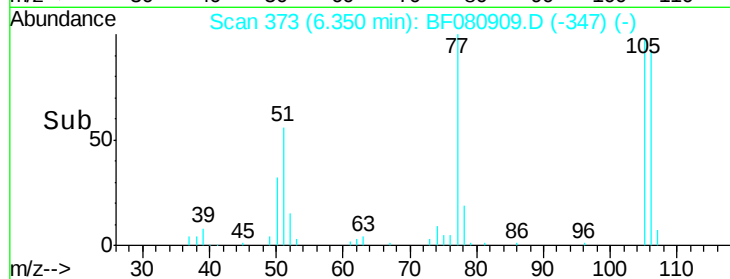
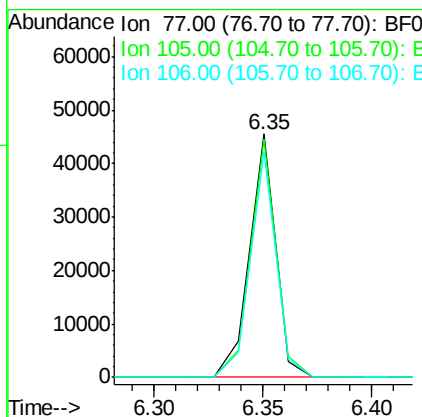
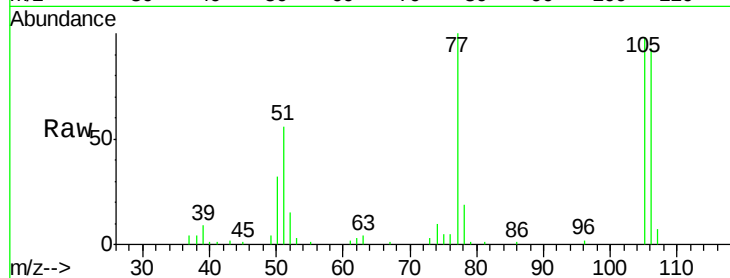
ClientSampleId :

MW-3MS

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8/10/2015 10:15:48 AM

Tot Ion:	77	Resp:	37919
Ion	Ratio	Lower	Upper
77	100		
105	97.9	70.7	110.7
106	92.7	66.1	106.1



#10

Phenol

Concen: 14.60 ng

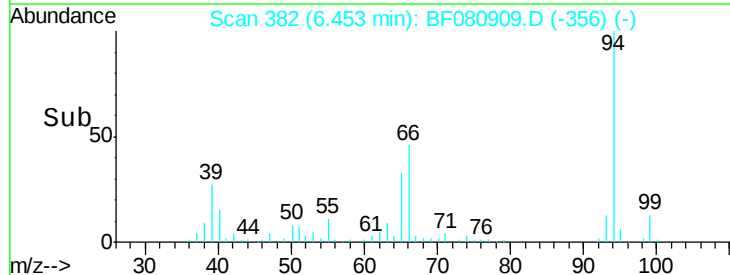
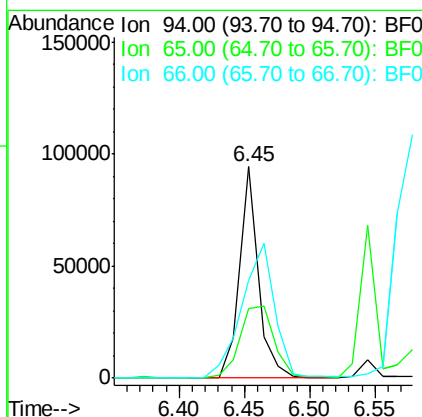
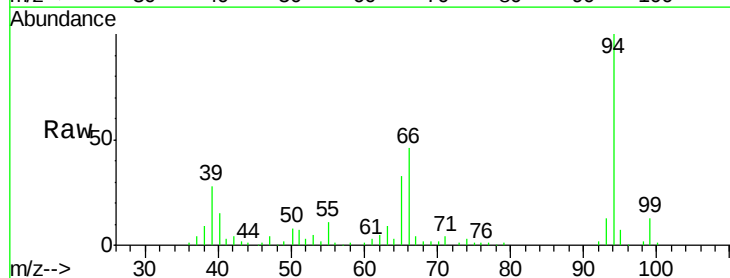
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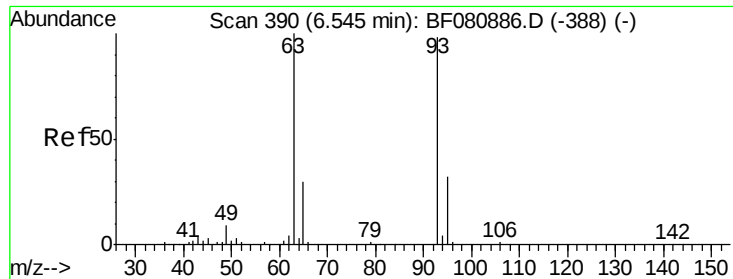
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	94	Resp:	94714
Ion	Ratio	Lower	Upper
94	100		
65	33.1	14.0	54.0
66	46.1	24.6	64.6





#11

bis(2-Chloroethyl)ether

Concen: 39.54 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

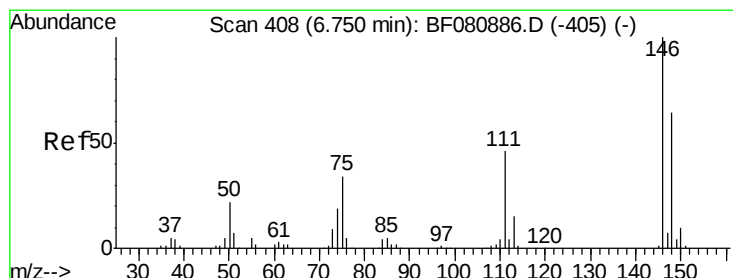
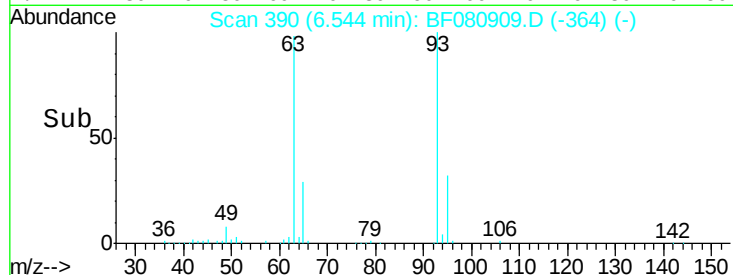
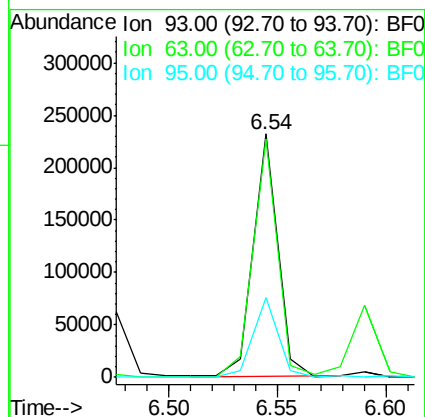
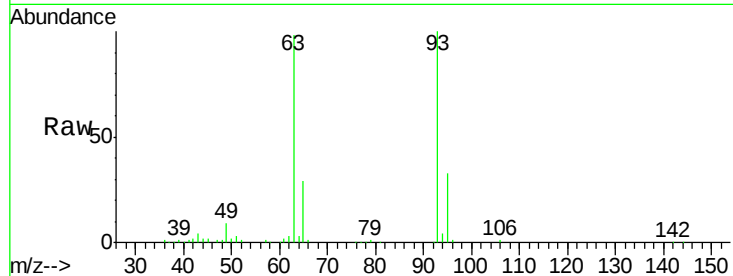
ClientSampleId :

MW-3MS

Tot Ion:	93	Resp:	181644
Ion Ratio	Lower	Upper	
93	100		
63	97.7	81.4	121.4
95	32.7	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 35.23 ng

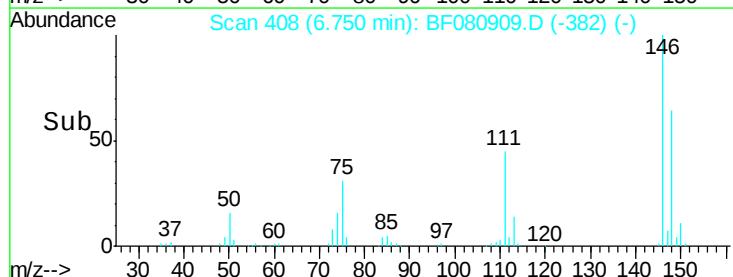
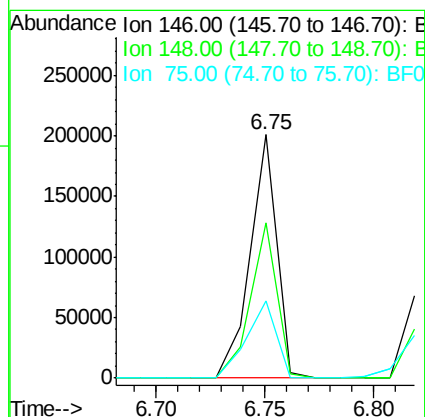
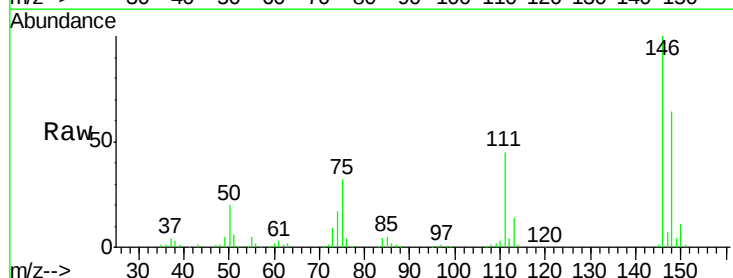
RT: 6.75 min Scan# 408

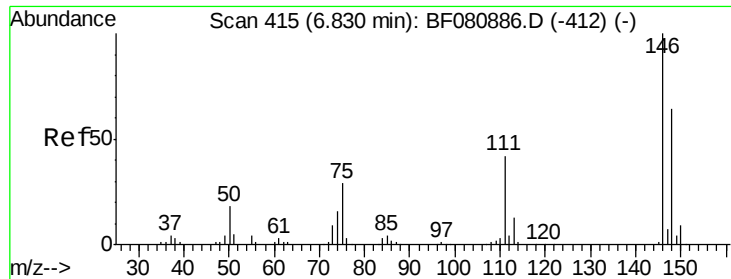
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	146	Resp:	170422
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
75	31.6	27.0	40.4





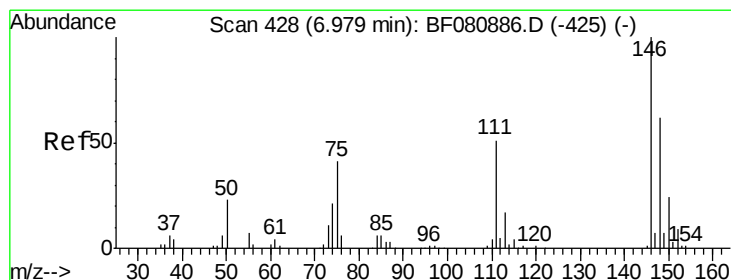
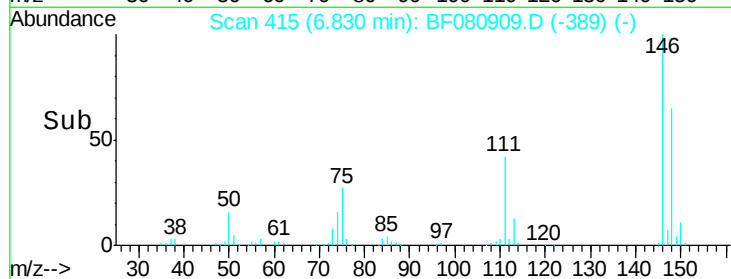
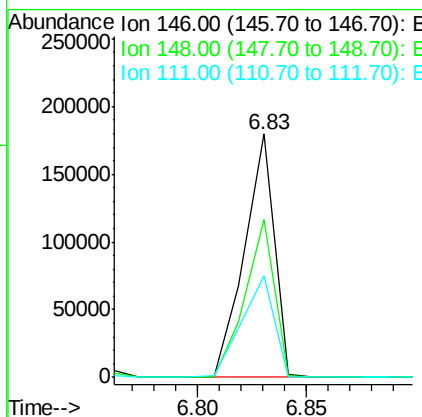
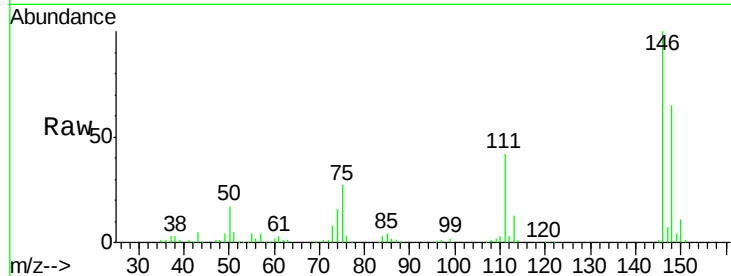
#13
 1,4-Dichlorobenzene
 Concen: 34.74 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleID :
 MW-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	41.5	33.8	50.6

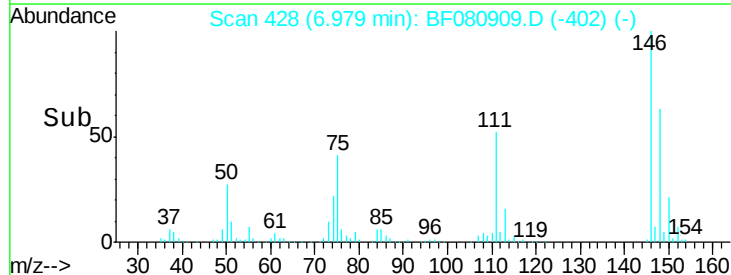
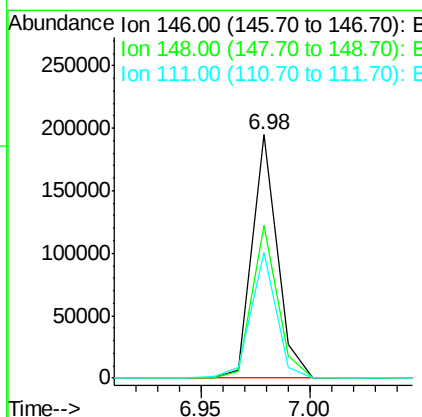
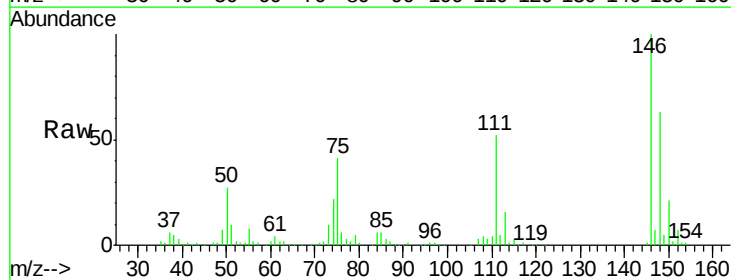
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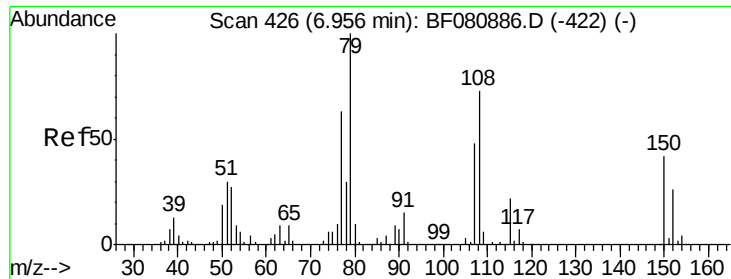
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#14
 1,2-Dichlorobenzene
 Concen: 34.75 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.0	75.0
111	51.7	41.0	61.6





#15

Benzyl Alcohol

Concen: 29.81 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

MW-3MS

Tot Ion: 79 Resp: 127873

Ion Ratio Lower Upper

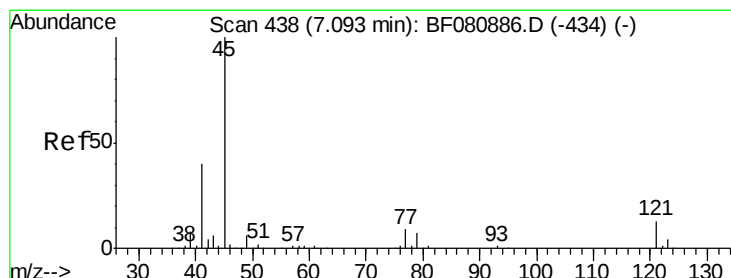
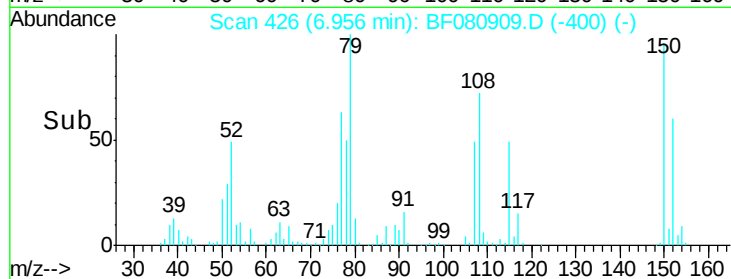
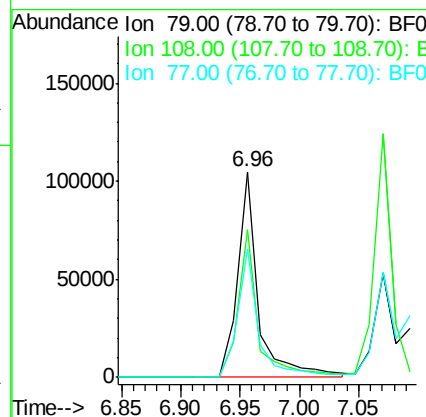
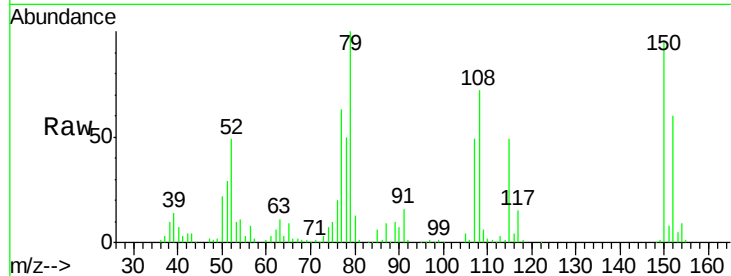
79 100

108 71.7 58.2 87.2

77 62.8 50.0 75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.14 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

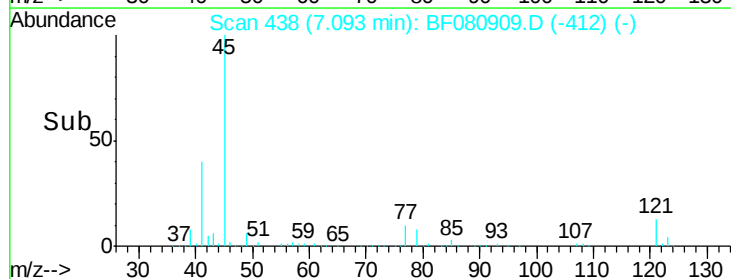
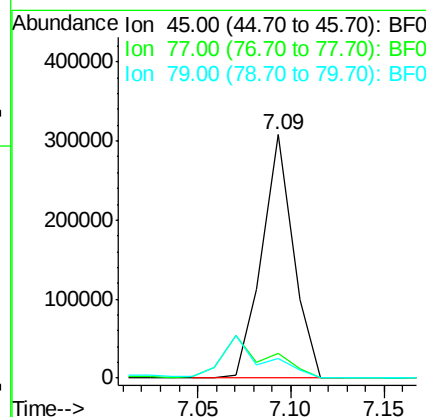
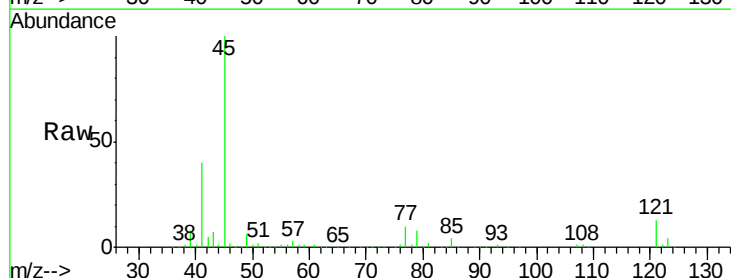
Tgt Ion: 45 Resp: 359567

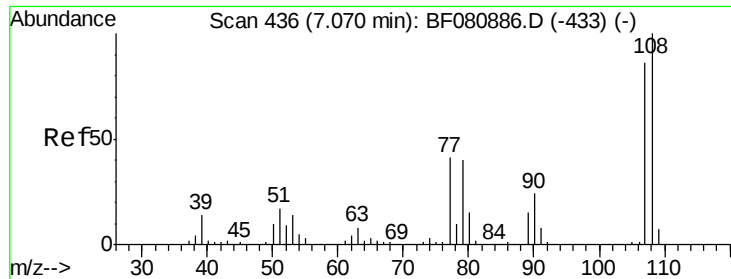
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.1

79 8.2 0.0 27.6





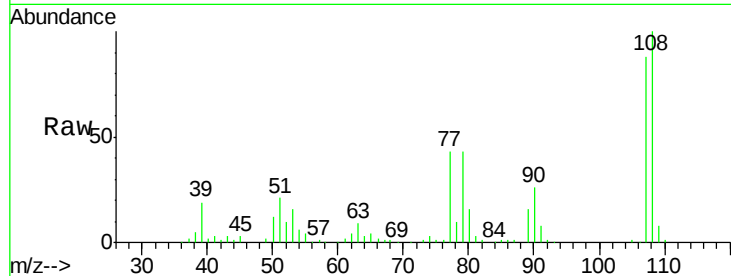
#17
2-Methylphenol
Concen: 27.93 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

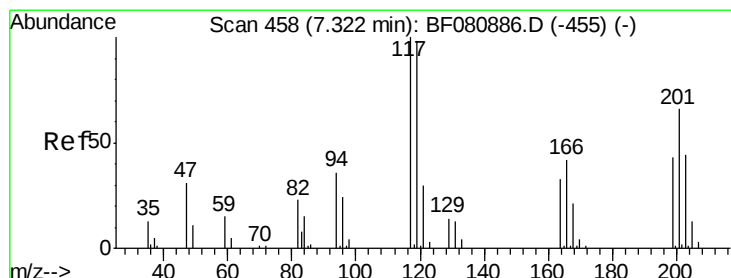
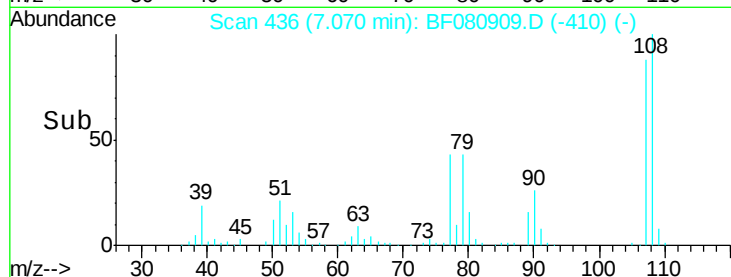
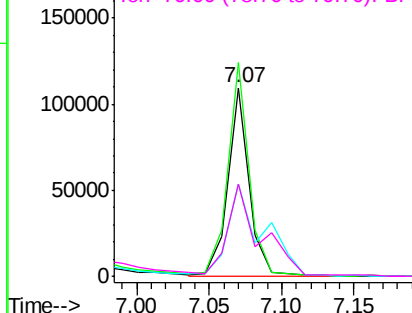
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.4	93.1	139.7	
77	77	48.8	38.2	57.2	
79	79	48.7	37.7	56.5	

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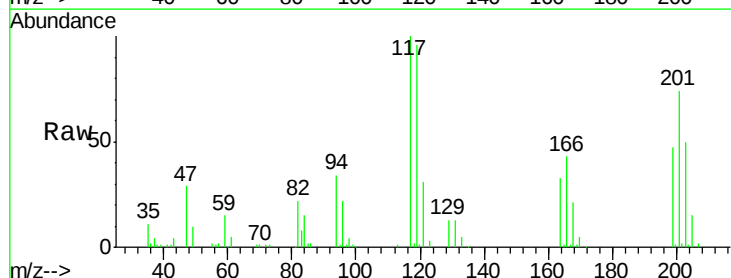


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

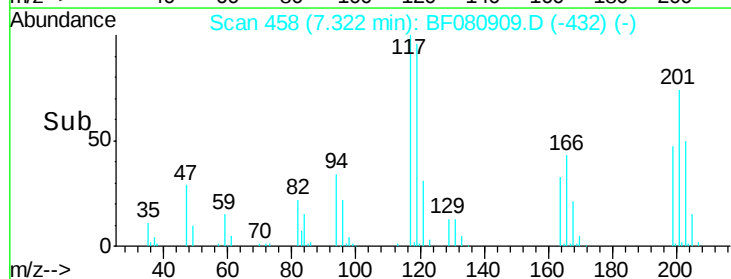
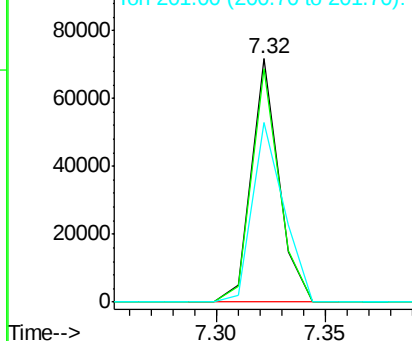


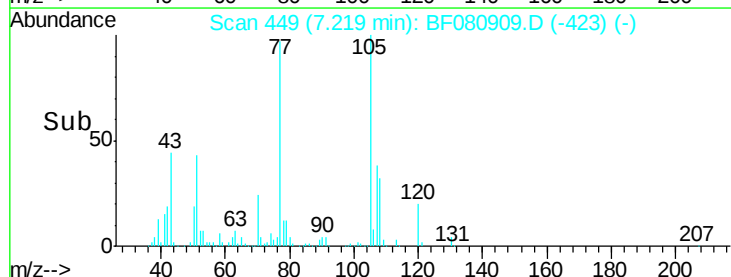
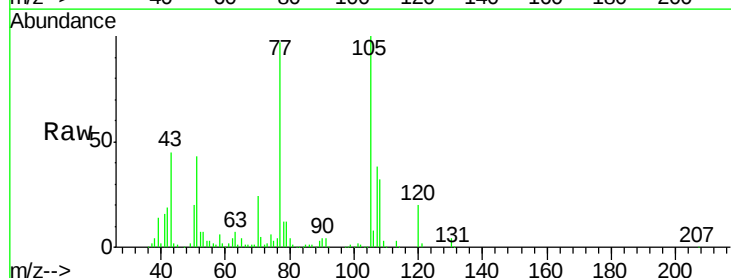
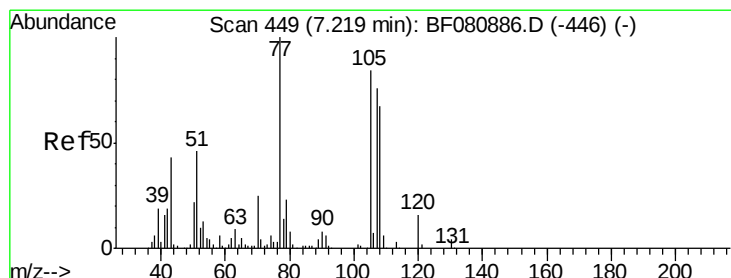
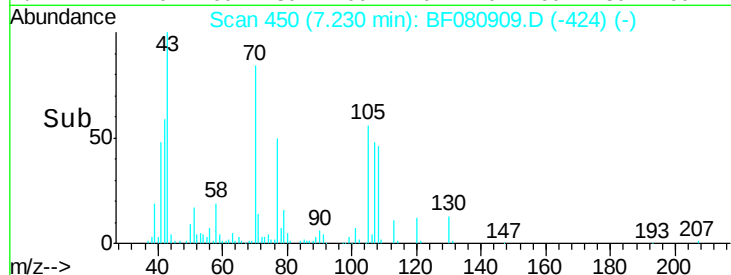
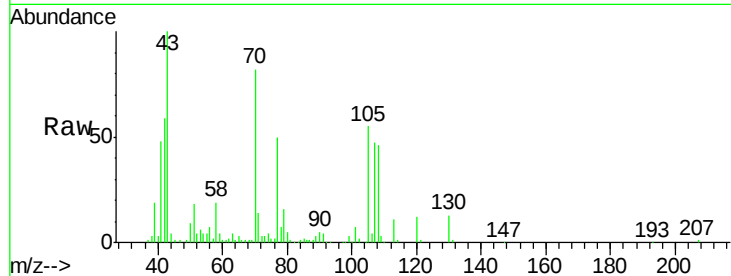
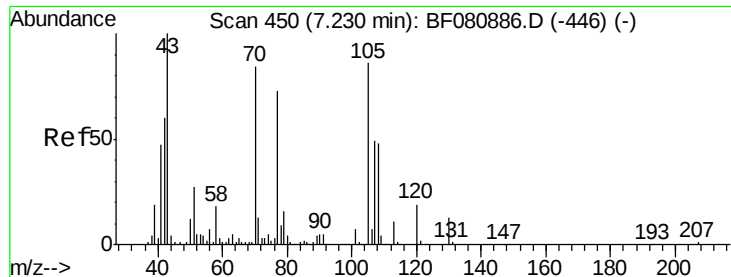
#18
Hexachloroethane
Concen: 33.51 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.0	78.4	117.6	
201	201	73.5	53.1	79.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





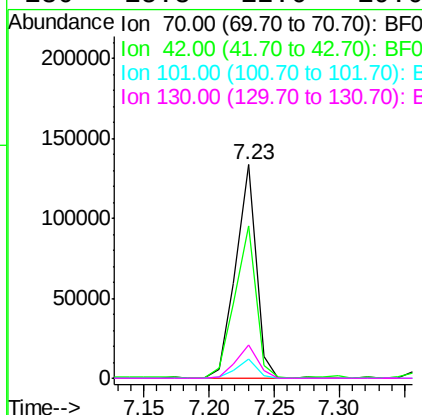
#19
n-Nitroso-di-n-propylamine
Concen: 38.16 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.2	57.2	85.8		
101	8.8	6.6	9.8		
130	15.8	12.6	19.0		

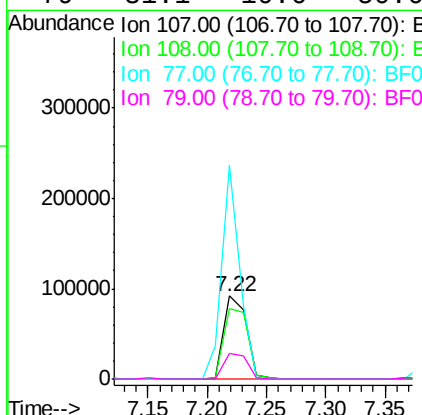
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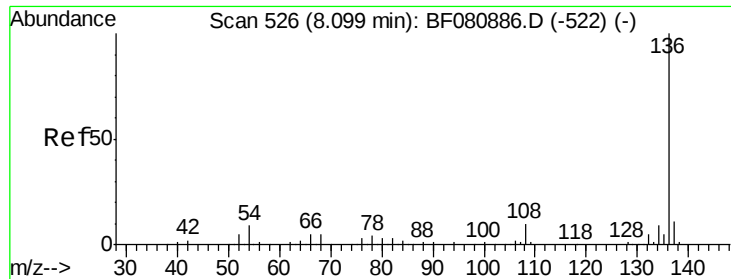
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#20
3+4-Methylphenols
Concen: 24.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.7	67.3	107.3		
77	257.7	111.2	151.2#		
79	31.1	10.6	50.6		





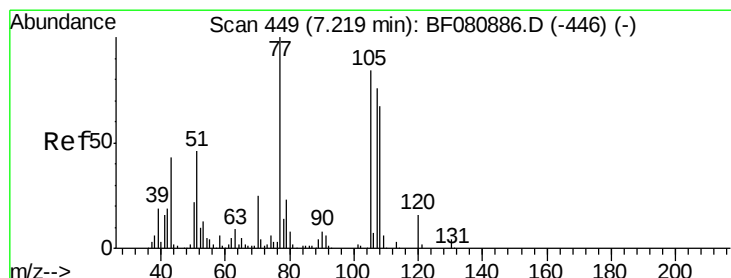
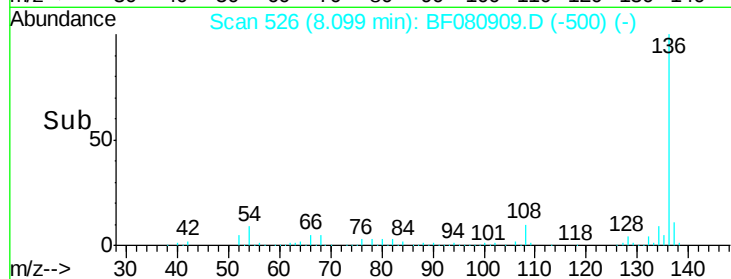
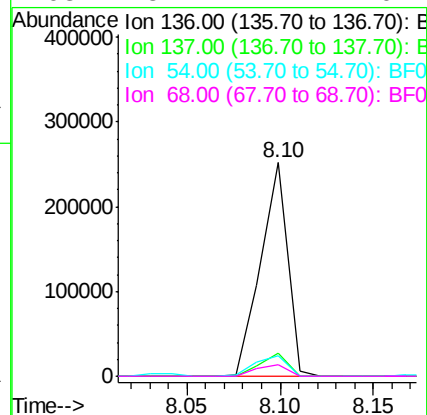
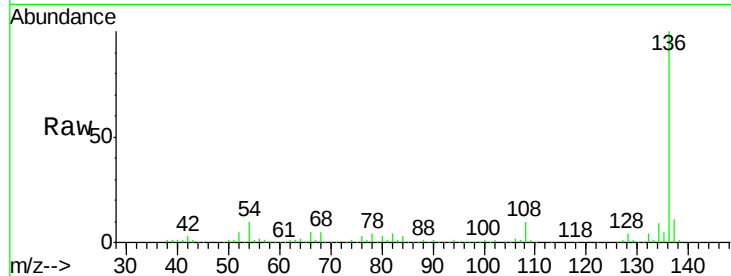
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	252183		
137	10.5	8.6	12.8	
54	9.5	7.5	11.3	
68	5.4	4.2	6.2	

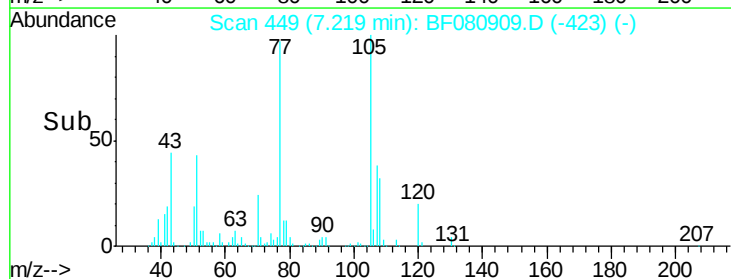
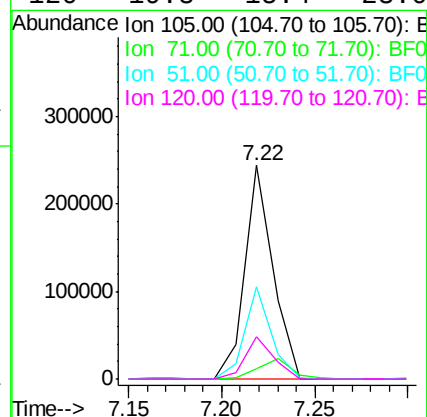
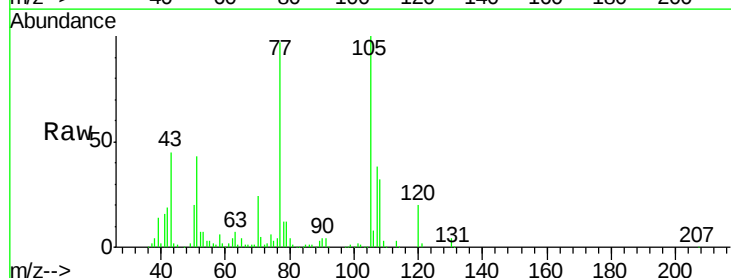
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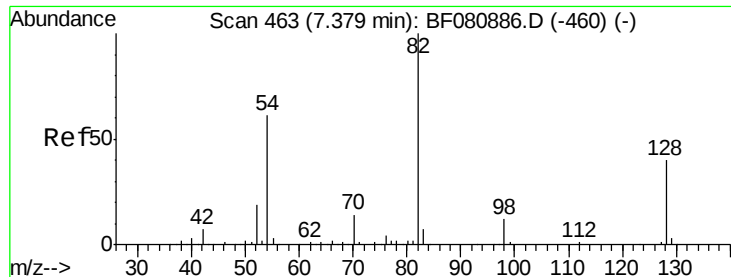
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#22
Acetophenone
Concen: 40.63 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256229		
71	4.5	3.8	5.8	
51	43.0	44.2	66.4	
120	19.8	15.4	23.0	





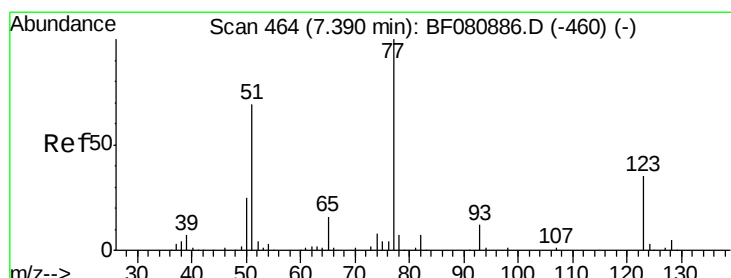
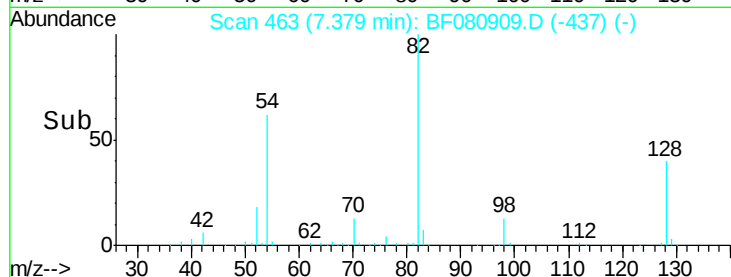
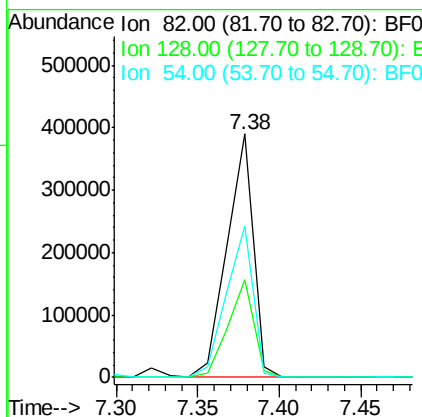
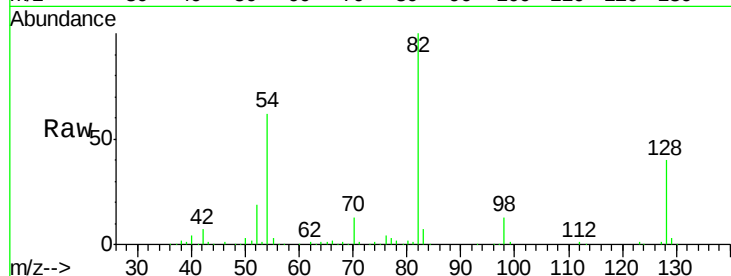
#23
Nitrobenzene-d5
Concen: 81.12 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	82	Resp	434235
Ion Ratio	100	Lower	Upper
128	40.0	31.8	47.6
54	62.3	48.6	72.8

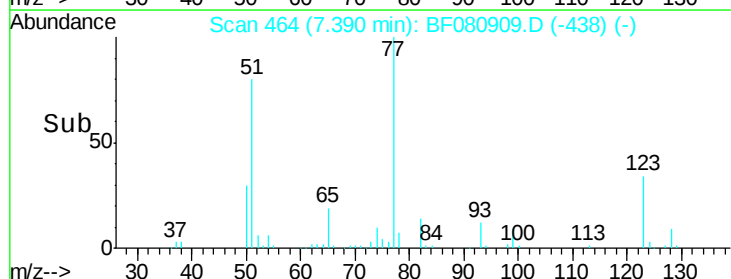
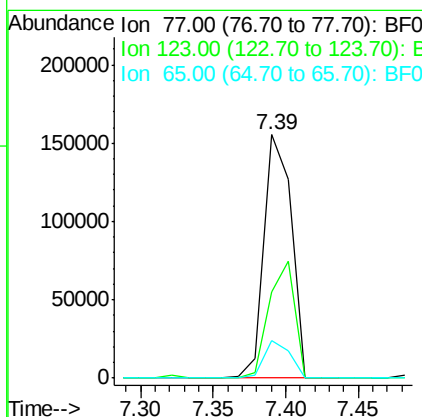
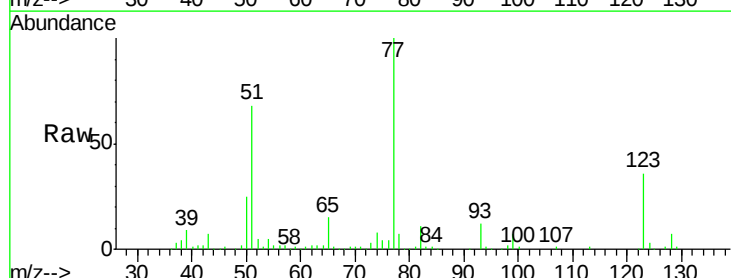
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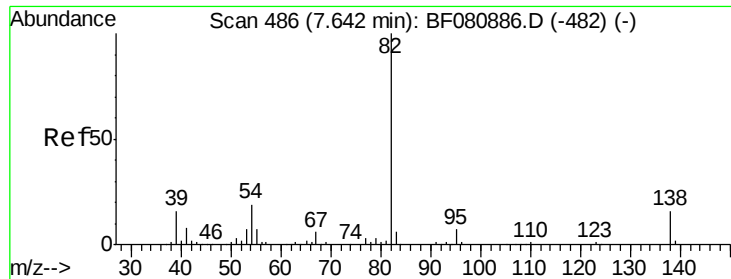
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#24
Nitrobenzene
Concen: 37.26 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	77	Resp	203252
Ion Ratio	100	Lower	Upper
123	35.6	28.3	42.5
65	15.3	12.5	18.7





#25

Isophorone

Concen: 41.67 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

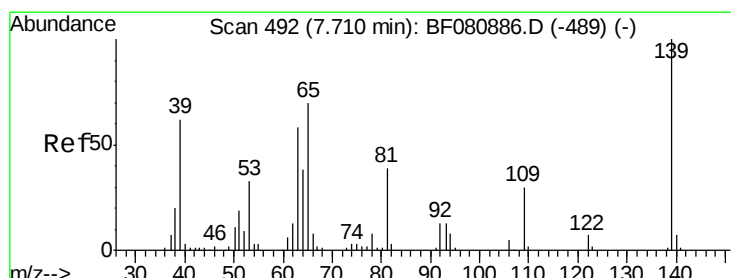
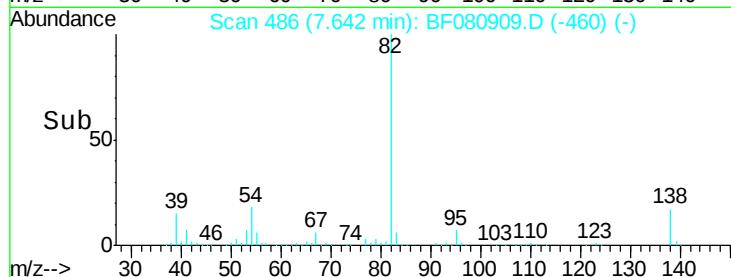
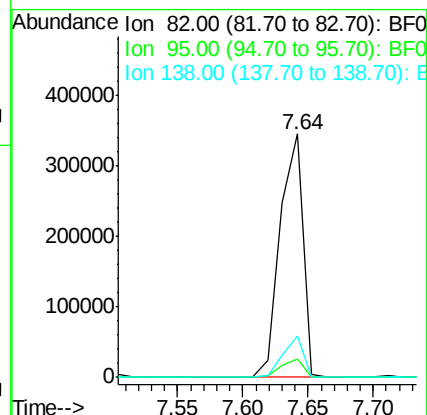
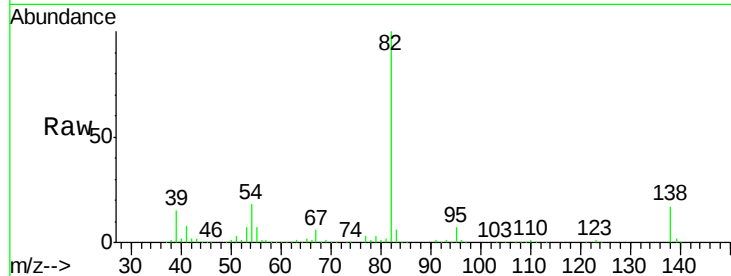
ClientSampleId :

MW-3MS

Tot Ion:	82	Resp:	427546
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	17.0	13.0	19.6

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#26

2-Nitrophenol

Concen: 37.24 ng

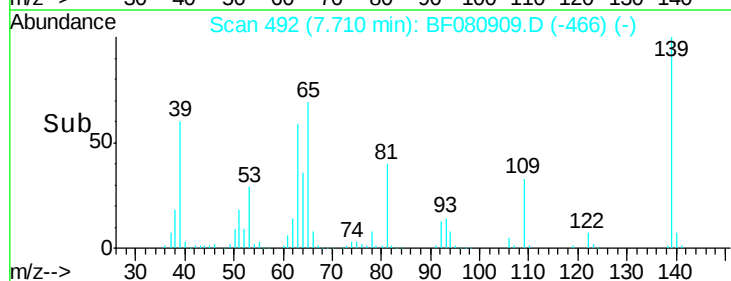
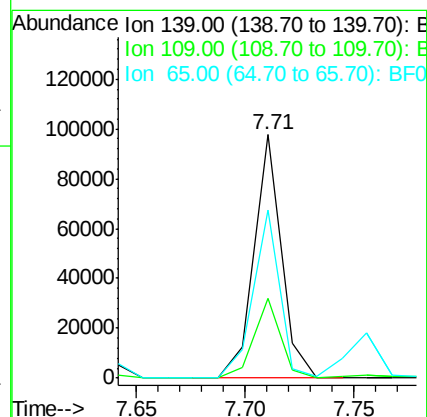
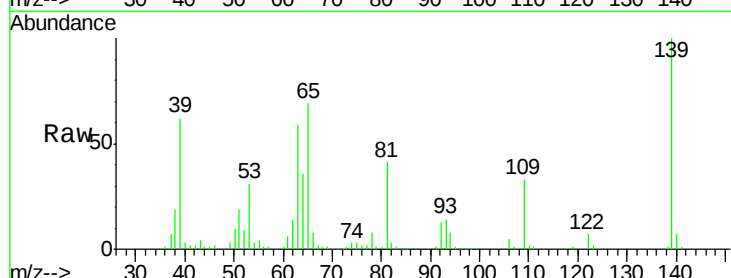
RT: 7.71 min Scan# 492

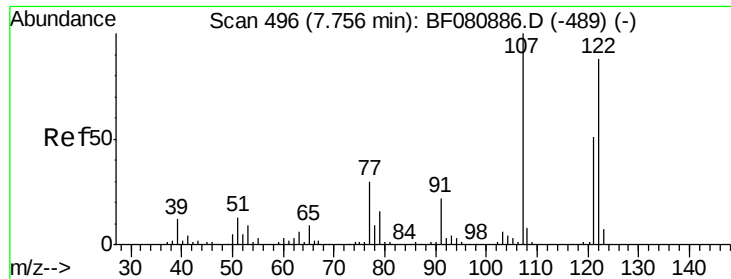
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	139	Resp:	85271
Ion Ratio	Lower	Upper	
139	100		
109	32.7	24.2	36.4
65	69.3	55.6	83.4





#27

2,4-Dimethylphenol

Concen: 37.62 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

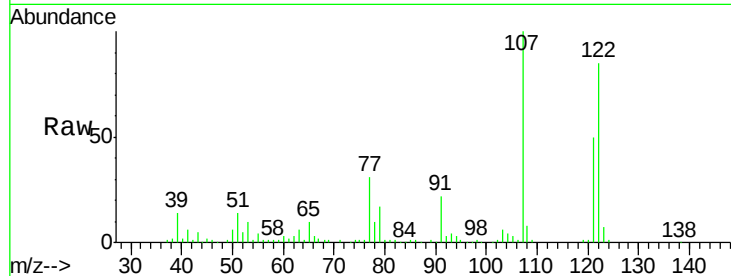
ClientSampled :

MW-3MS

Manual Integrations
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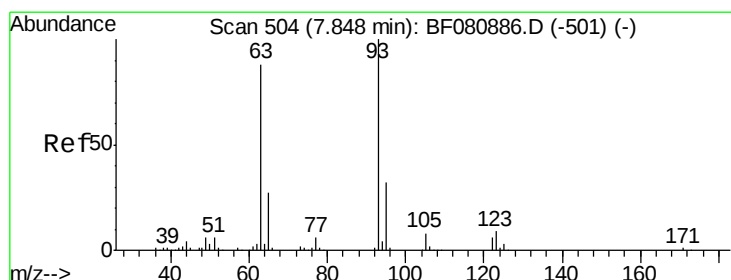
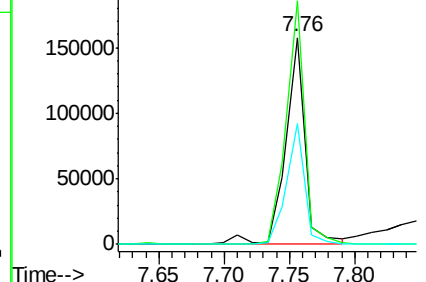
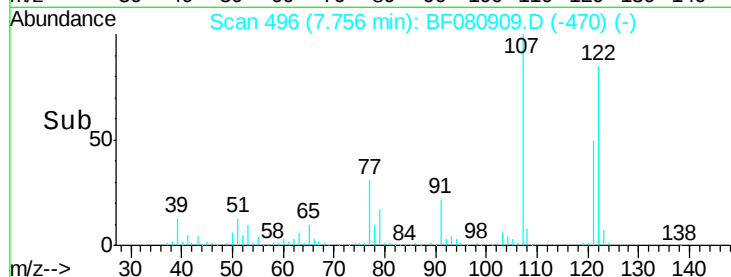
Tot Ion:	122	Resp:	165278
Ion Ratio	Lower	Upper	
122	100		
107	117.7	91.1	136.7
121	58.6	46.2	69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.31 ng

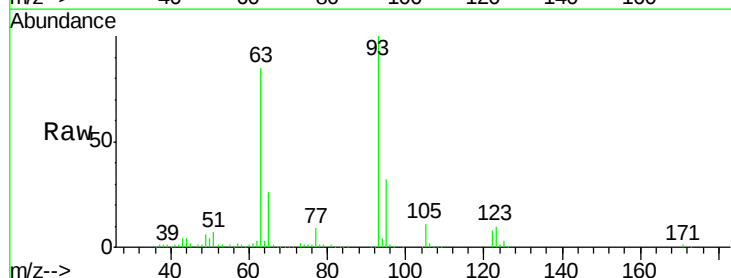
RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

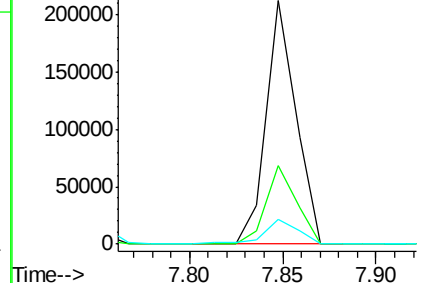
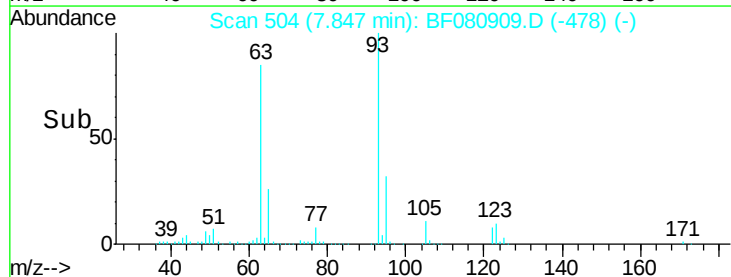
Tgt Ion:	93	Resp:	232978
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.5	38.3
123	9.9	7.6	11.4

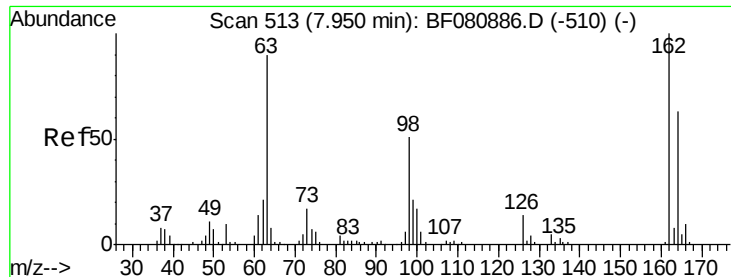


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





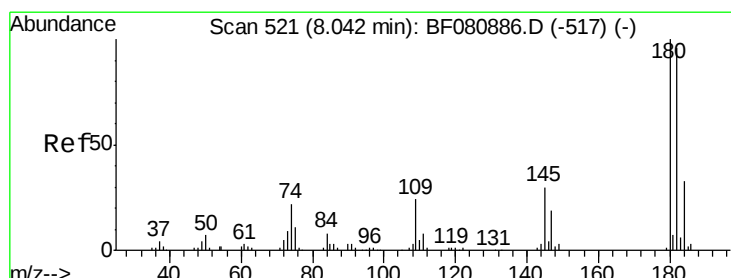
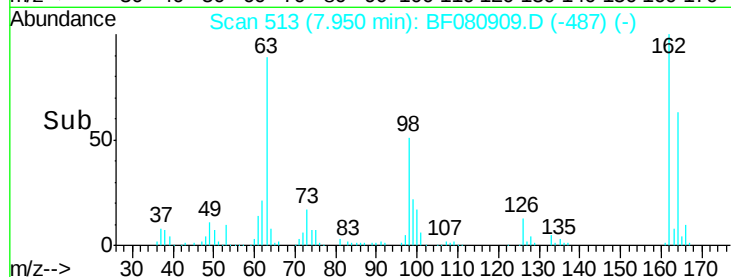
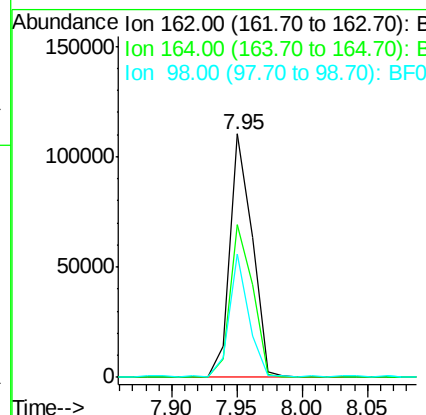
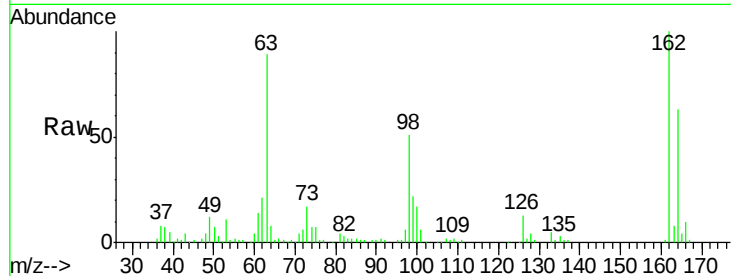
#29
 2,4-Dichlorophenol
 Concen: 37.62 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	62.6	43.4	83.4		
98	50.7	30.9	70.9		

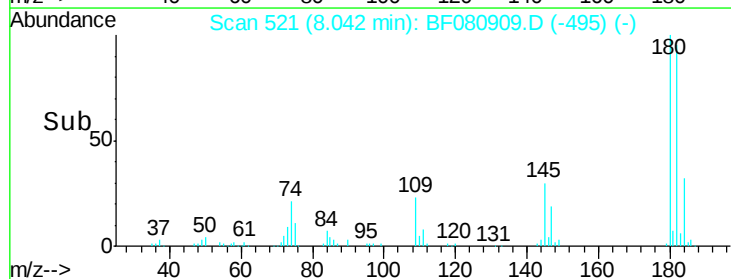
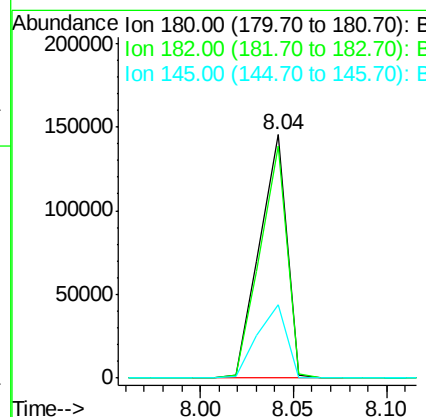
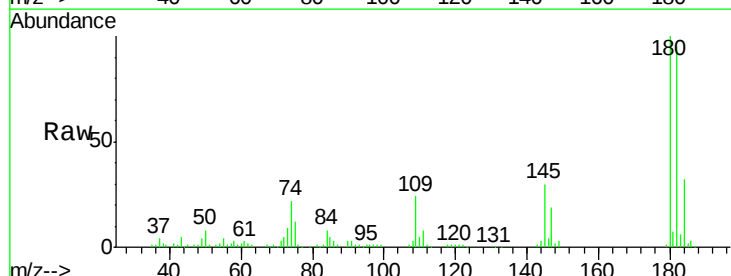
Manual Integrations
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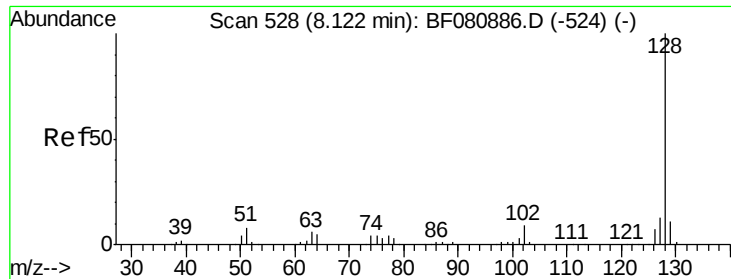
MMDadoda
 8/10/2015 10:15:48 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.74 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	95.2	76.8	115.2		
145	30.1	24.2	36.2		





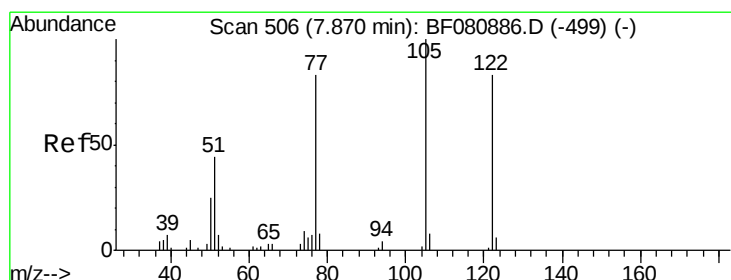
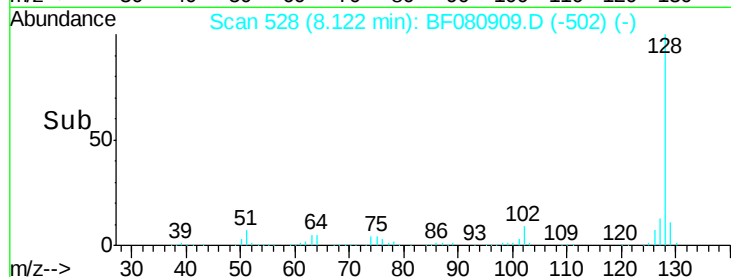
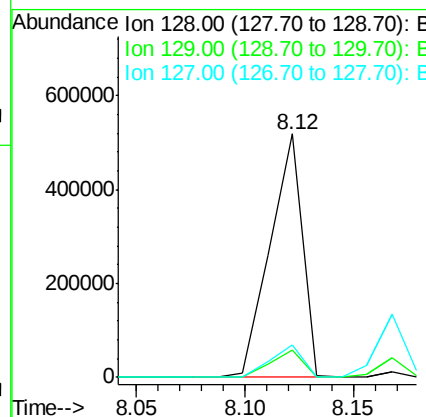
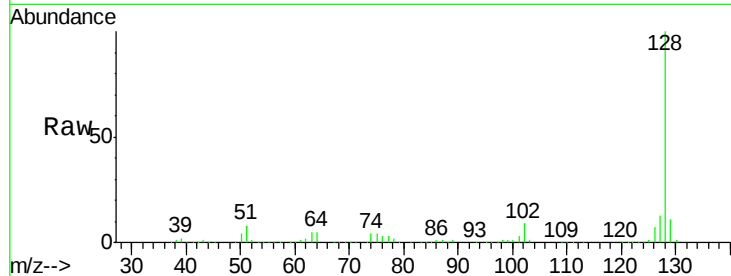
#31
Naphthalene
Concen: 39.69 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	543144		
129	11.0		8.6	13.0
127	13.3		10.6	15.8

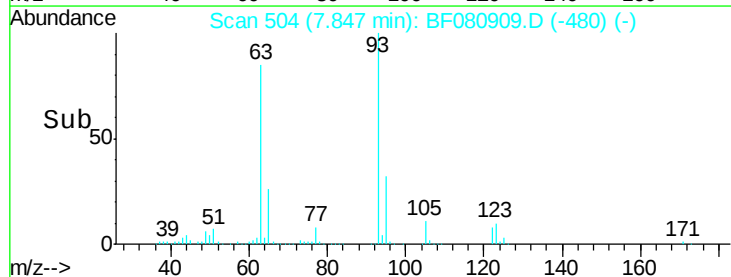
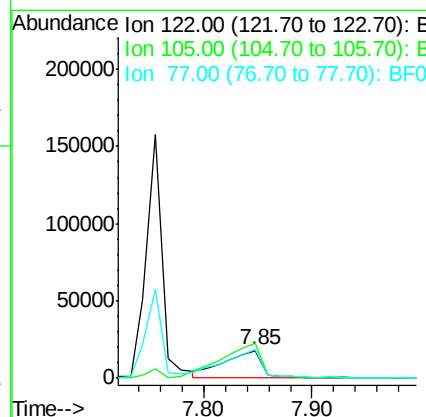
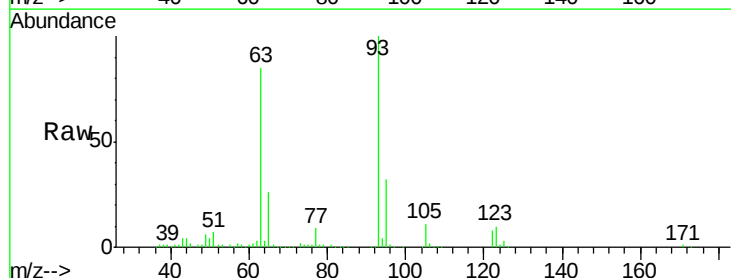
Manual Integrations
APPROVED

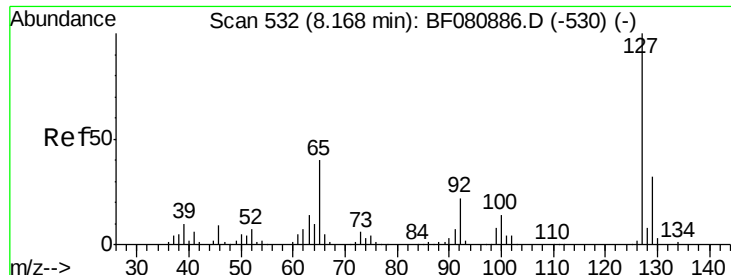
MMDadoda
8/10/2015 10:15:48 AM



#32
Benzoic acid
Concen: 15.70 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	43874		
105	125.0		101.6	141.6
77	102.4		80.9	120.9





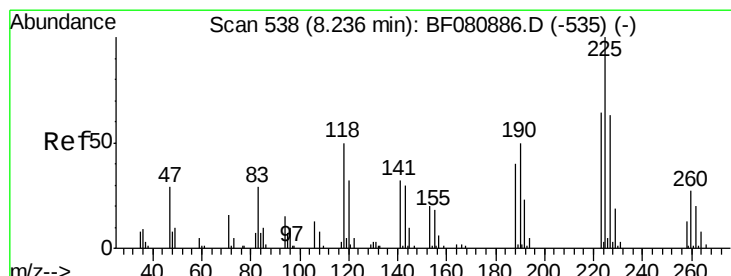
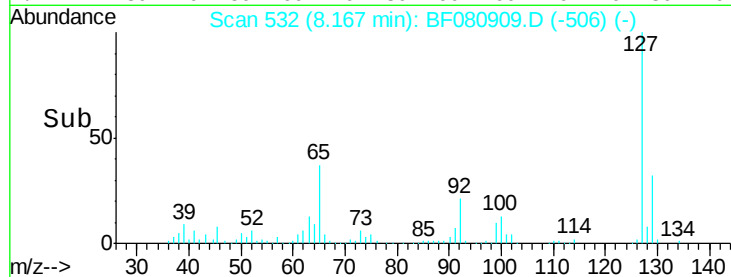
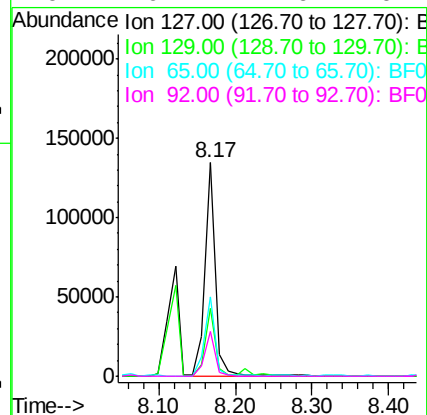
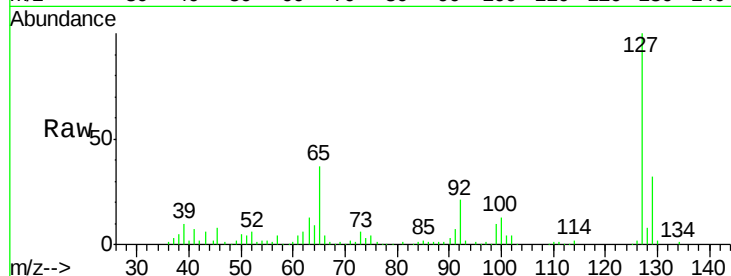
#33
4-Chloroaniline
Concen: 22.26 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.8	38.8		
65	37.1	31.7	47.5		
92	20.7	17.6	26.4		

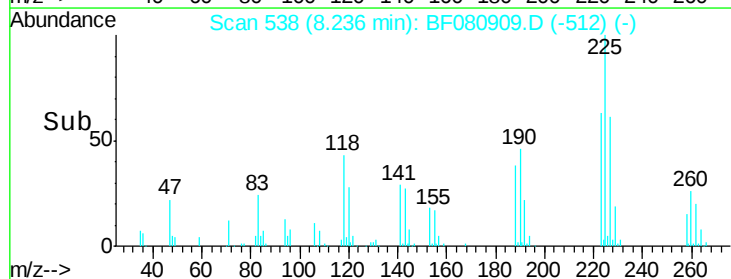
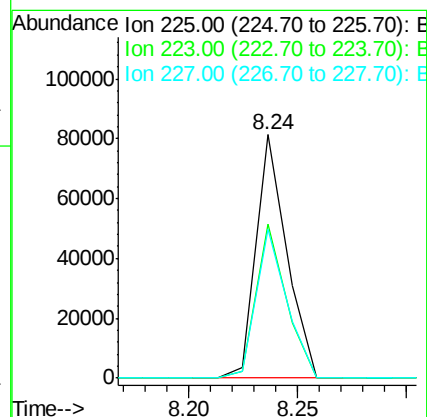
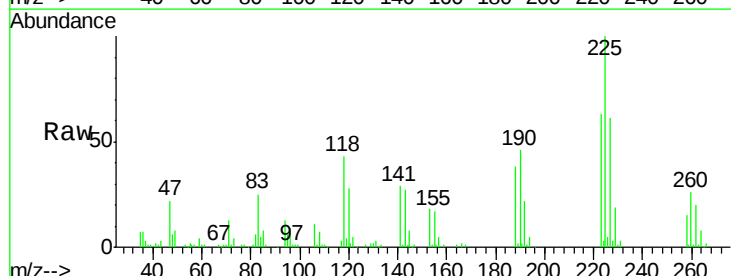
Manual Integrations
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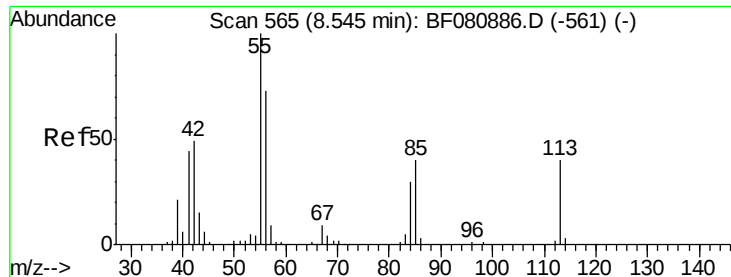
MMDadoda
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#34
Hexachlorobutadiene
Concen: 35.90 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.2	76.8		
227	61.4	50.4	75.6		





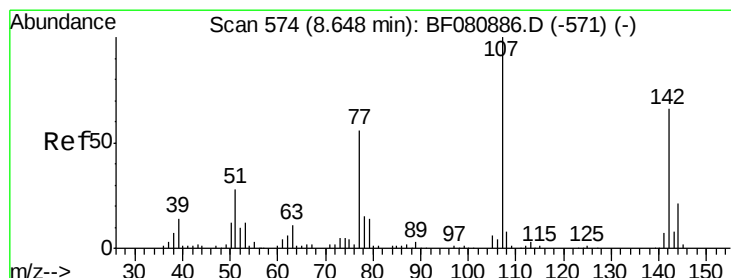
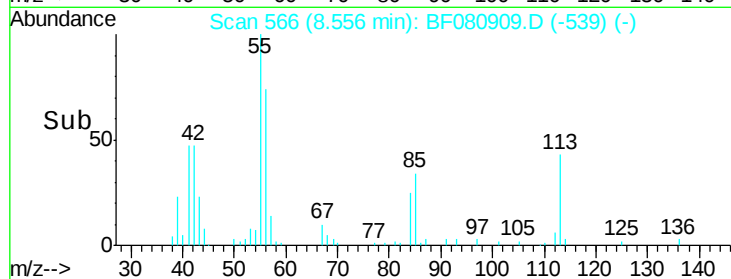
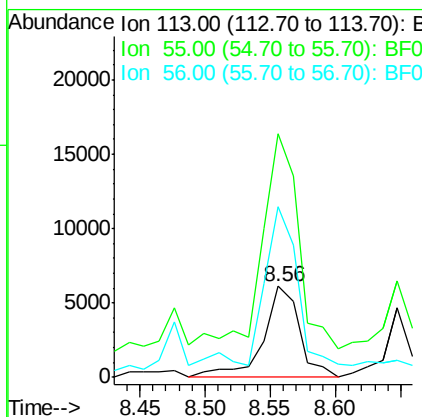
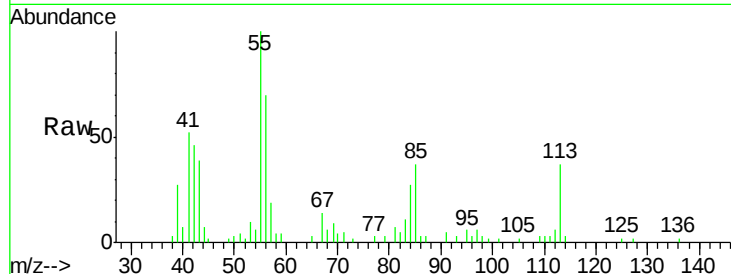
#35
Caprolactam
Concen: 9.15 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	267.3	228.4	268.4
56	187.1	161.5	201.5

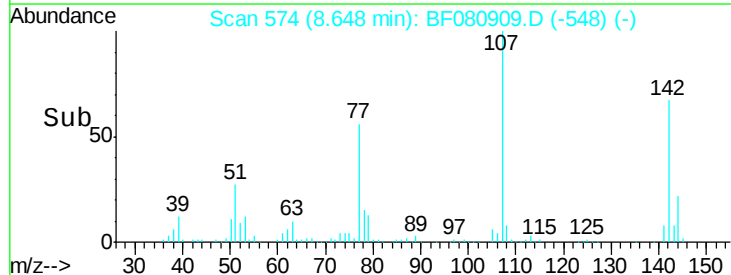
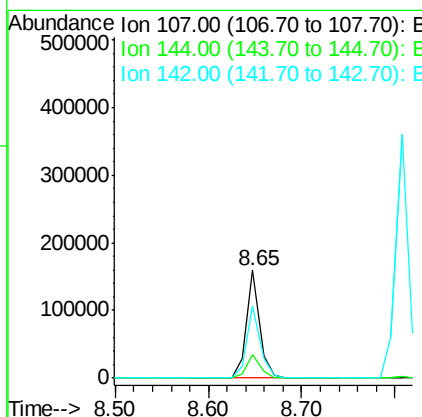
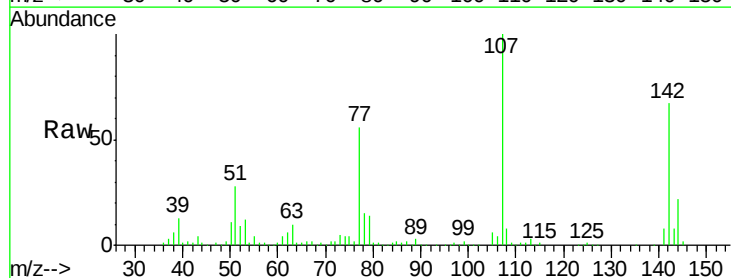
Manual Integrations
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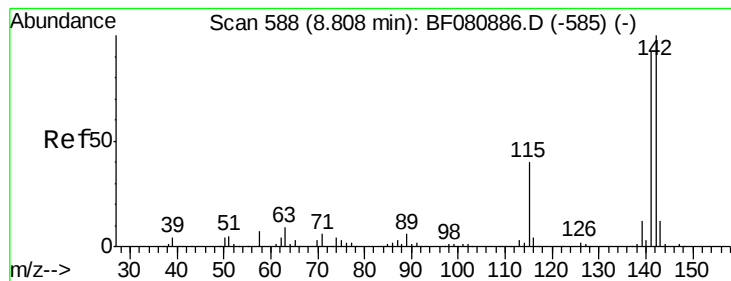
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#36
4-Chloro-3-methylphenol
Concen: 37.31 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	17.0	25.6
142	67.4	52.6	78.8





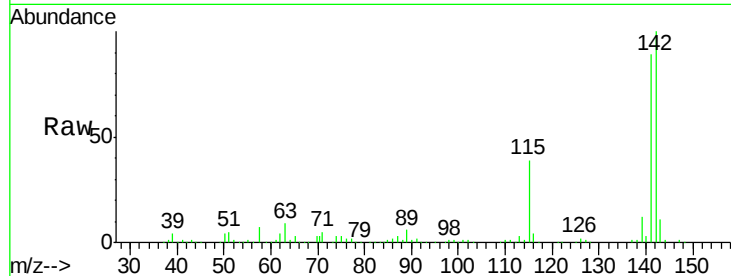
#37
2-Methylnaphthalene
Concen: 39.70 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	334896		
141	88.9	73.5	110.3	
115	38.5	32.1	48.1	

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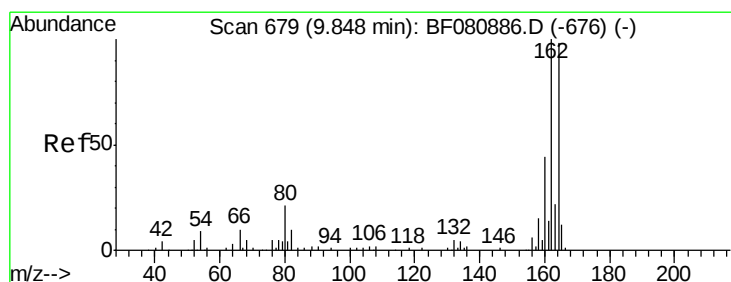
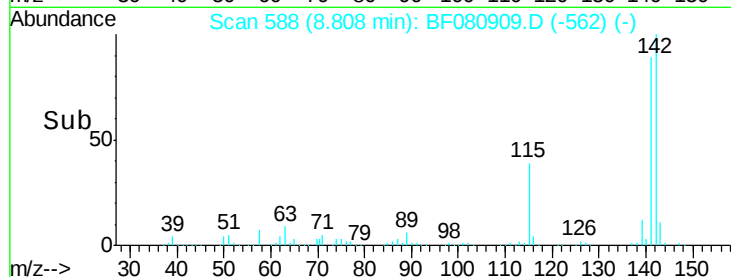
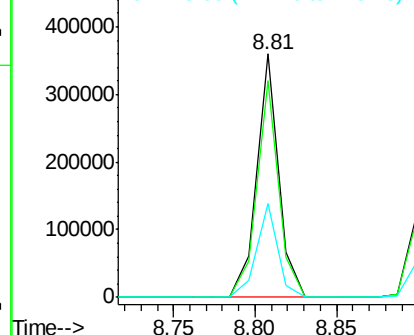


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

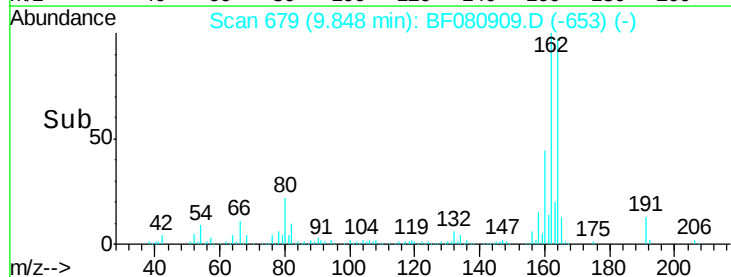
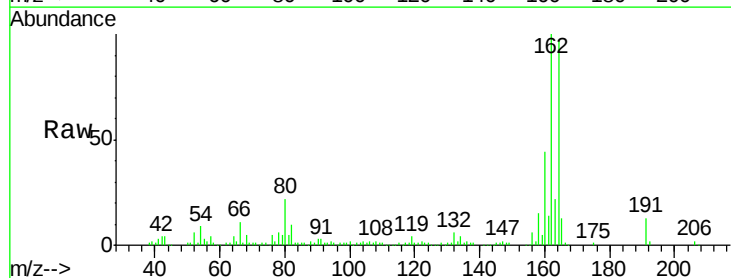
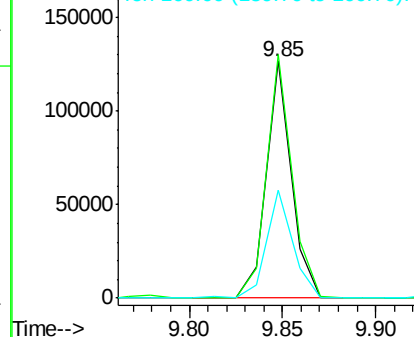
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116680		
162	102.8	81.5	122.3	
160	45.7	35.9	53.9	

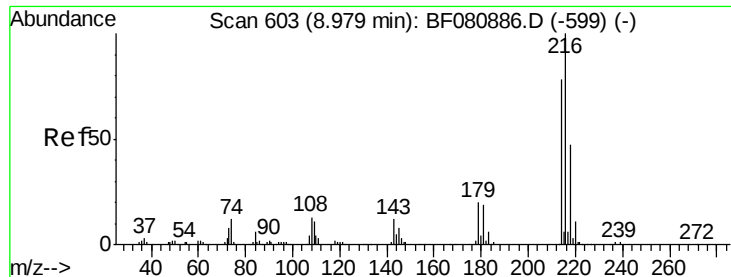
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.30 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

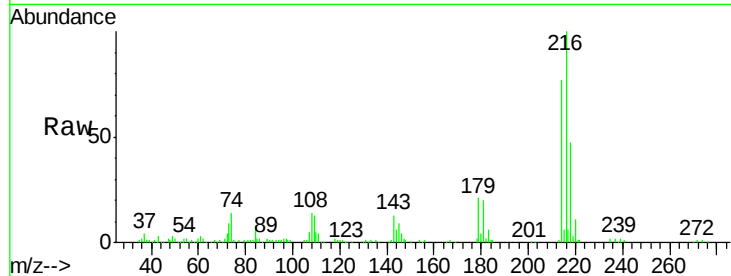
ClientSampled :

MW-3MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.7		62.8	94.2	
179	22.3		17.0	25.6	
108	23.0		16.7	25.1	



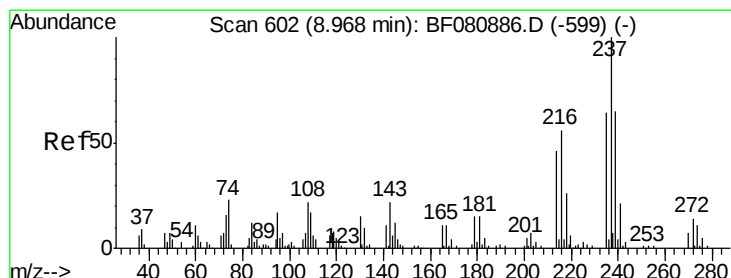
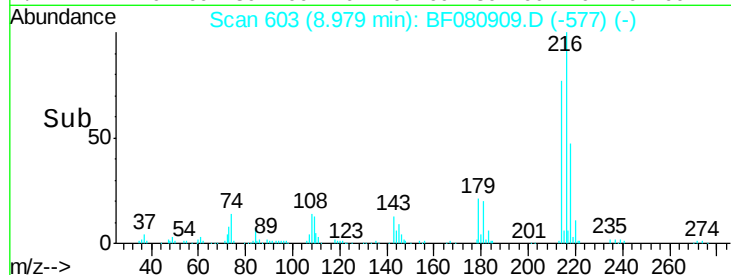
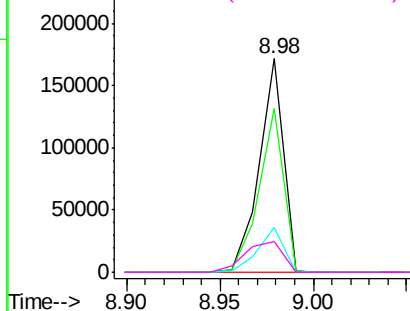
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.03 ng

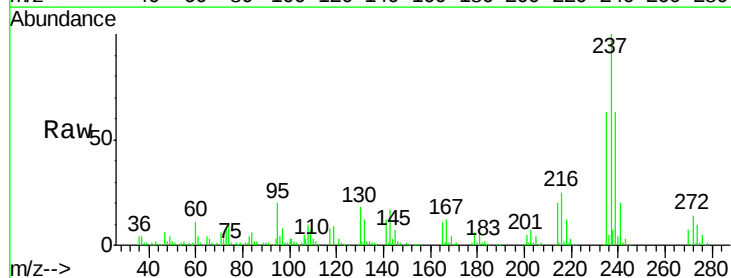
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2		43.7	83.7	
272	13.6		0.0	33.8	

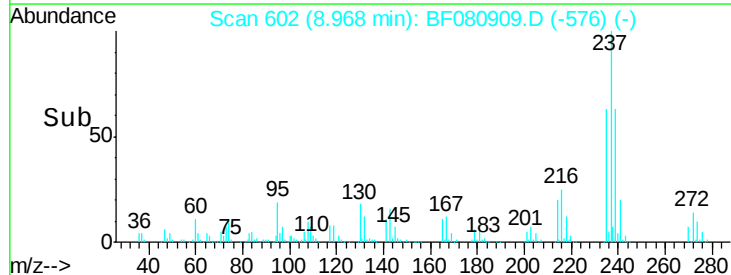
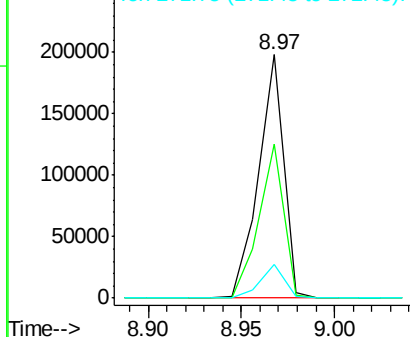


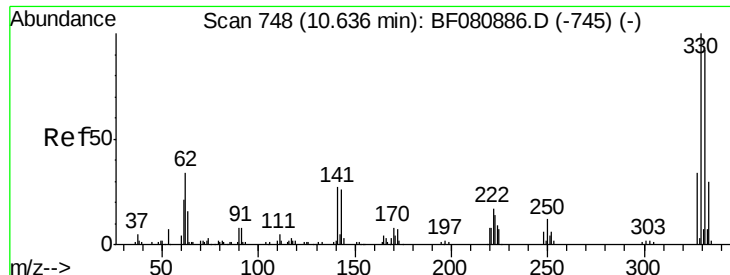
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





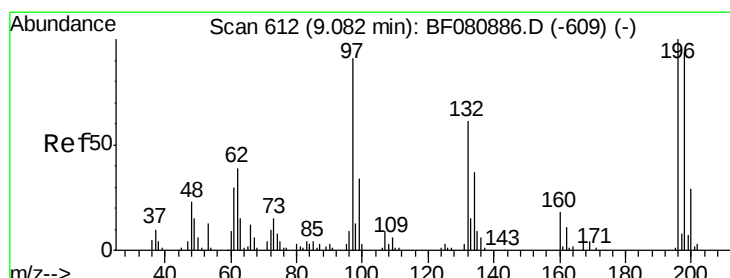
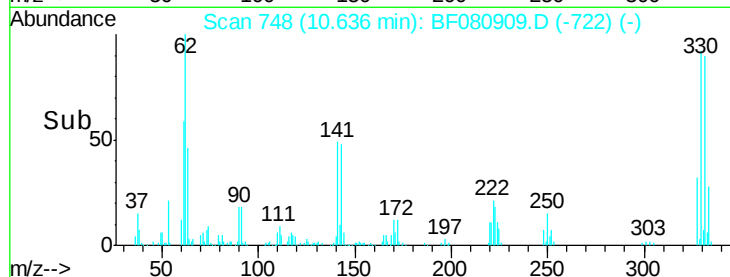
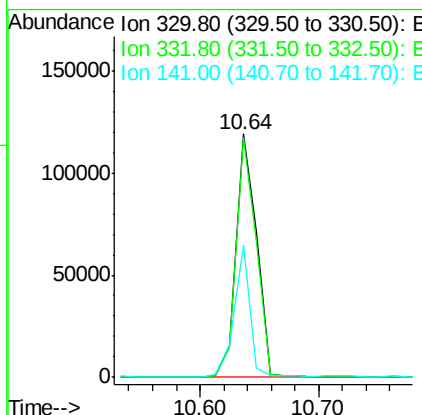
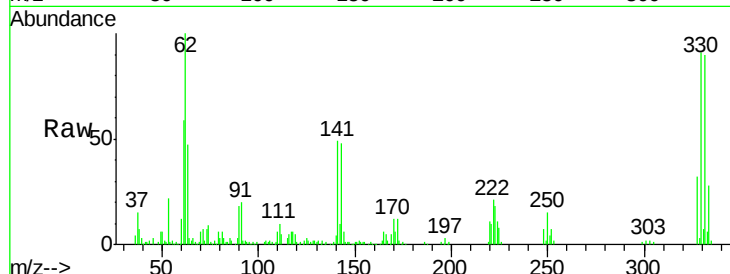
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	144188		
332	96.4	74.1	111.1	
141	41.1	30.1	45.1	

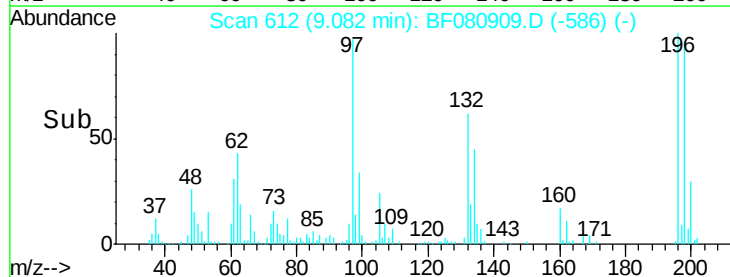
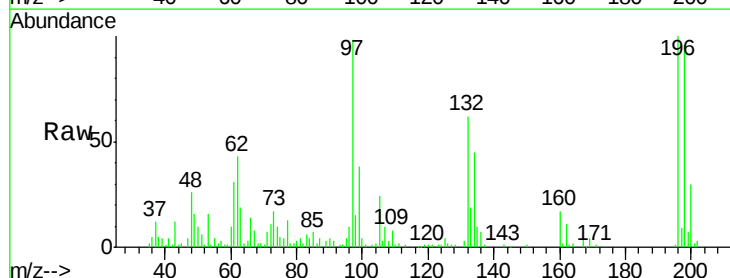
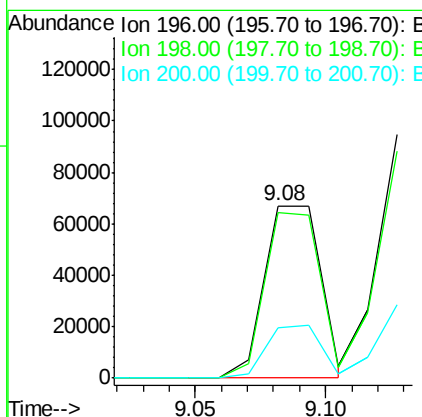
Manual Integrations
 APPROVED

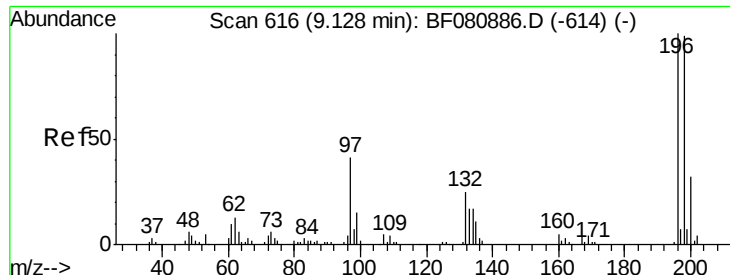
MMDadoda
 8/10/2015 10:15:48 AM



#42
 2,4,6-Trichlorophenol
 Concen: 38.10 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99894		
198	96.0	74.9	112.3	
200	29.5	23.2	34.8	





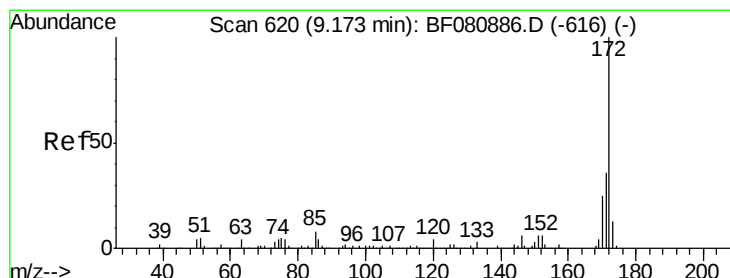
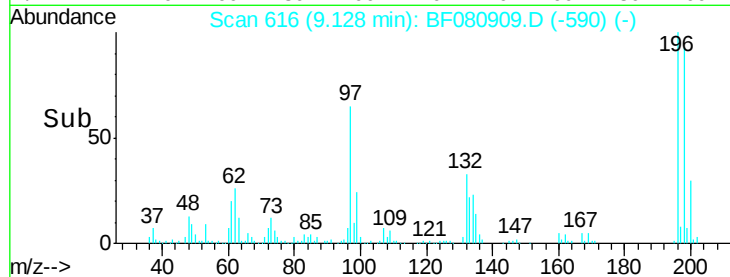
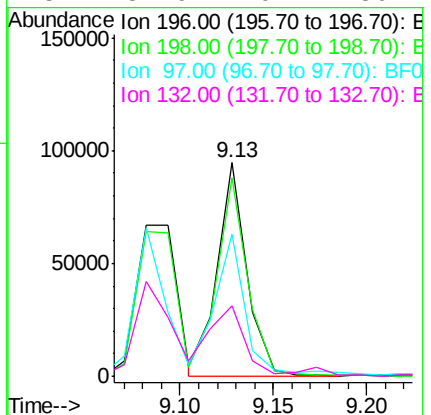
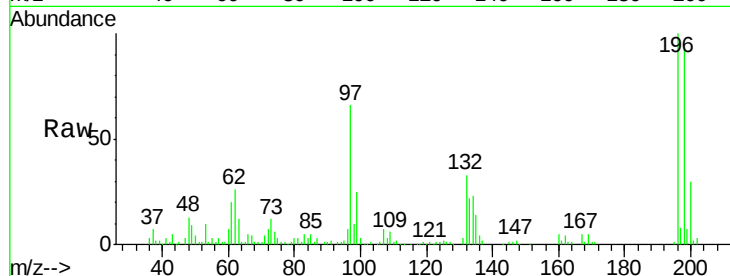
#43
 2,4,5-Trichlorophenol
 Concen: 39.59 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	93.0	78.7	118.1
97	66.3	33.9	50.9#
132	32.9	20.1	30.1#

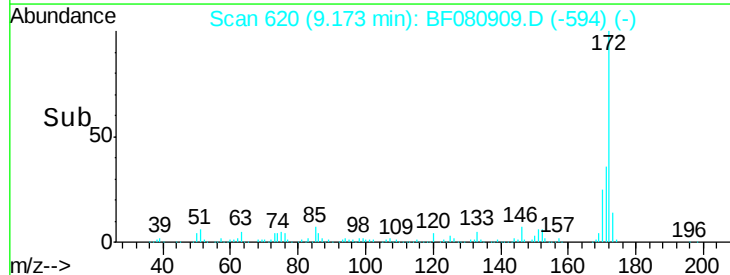
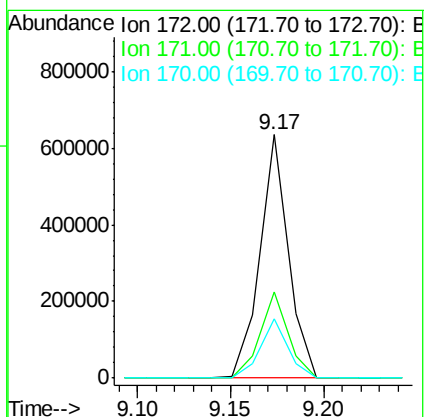
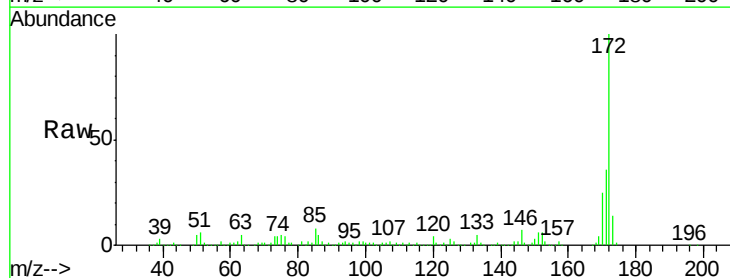
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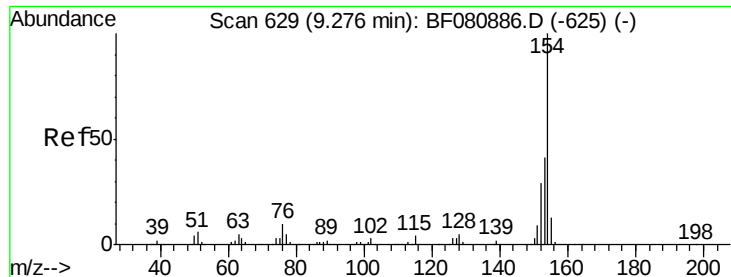
MMDadoda
 8/10/2015 10:15:48 AM



#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.6	19.9	29.9





#45

1,1'-Biphenyl

Concen: 46.64 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

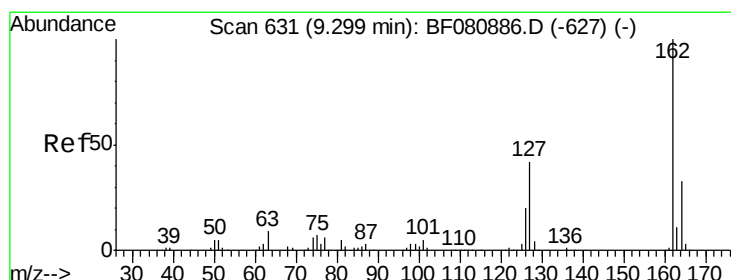
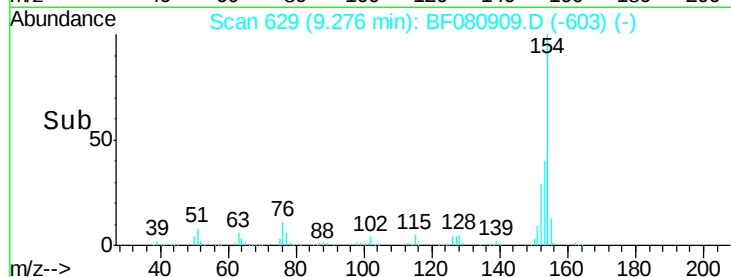
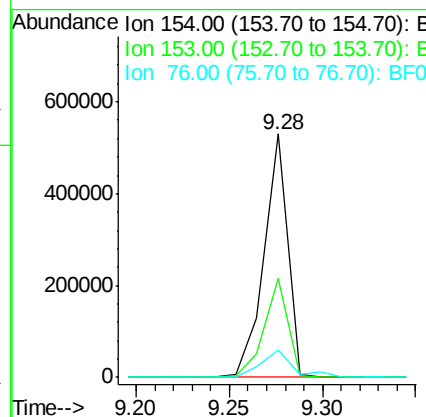
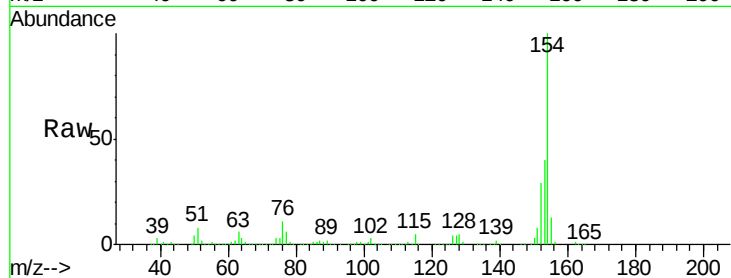
ClientSampleId :

MW-3MS

Tot Ion:	154	Resp:	460412
Ion Ratio		Lower	Upper
154	100		
153	40.4	20.8	60.8
76	11.2	0.0	30.3

Manual Integrations
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MMDadoda
8/10/2015 10:15:48 AM



#46

2-Chloronaphthalene

Concen: 44.16 ng

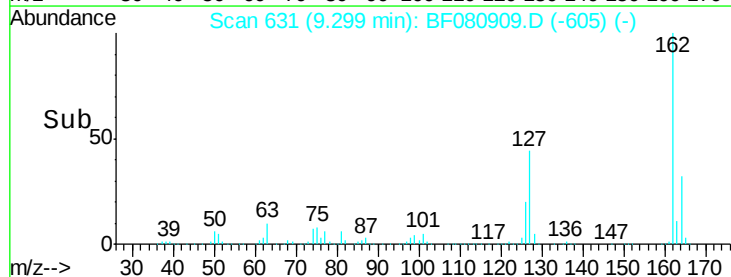
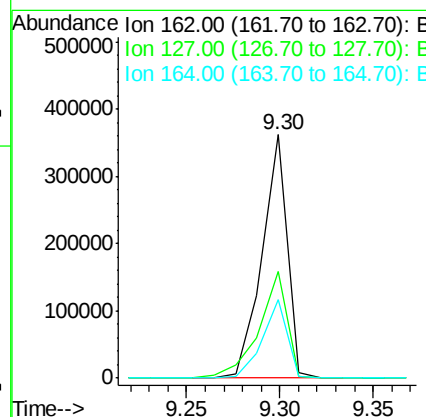
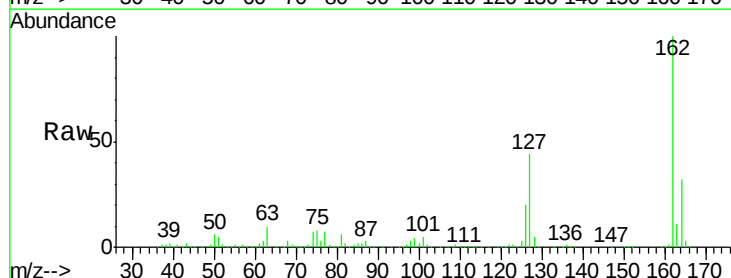
RT: 9.30 min Scan# 631

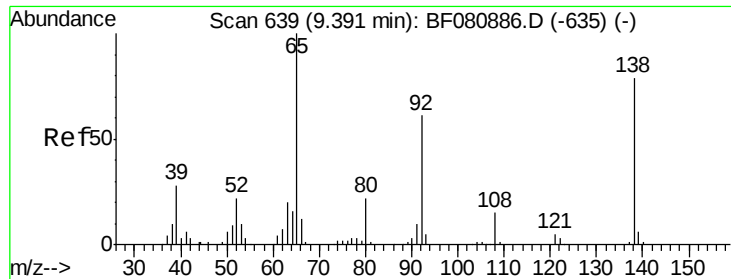
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	162	Resp:	340841
Ion Ratio		Lower	Upper
162	100		
127	43.7	33.5	50.3
164	32.2	26.5	39.7





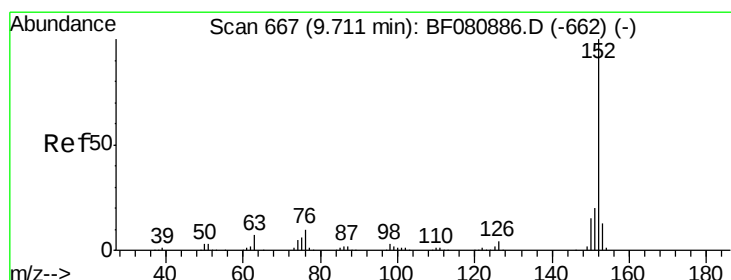
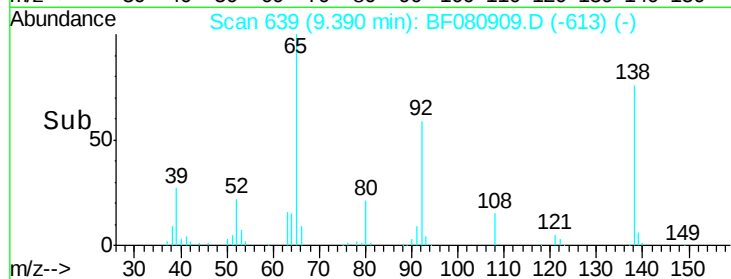
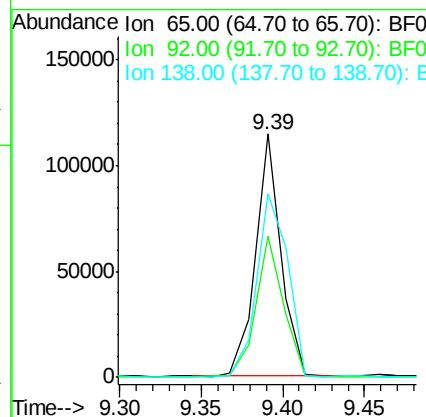
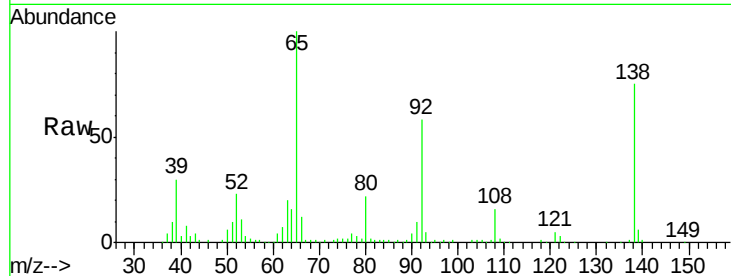
#47
2-Nitroaniline
Concen: 39.48 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.1	48.5	72.7
138	75.2	63.3	94.9

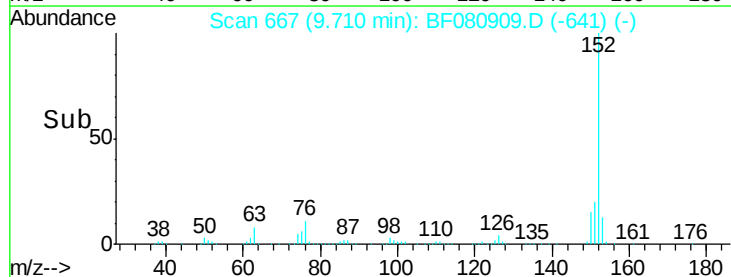
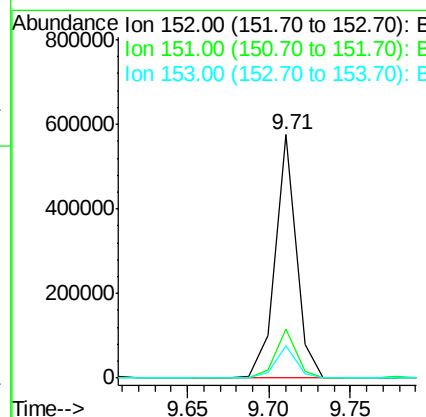
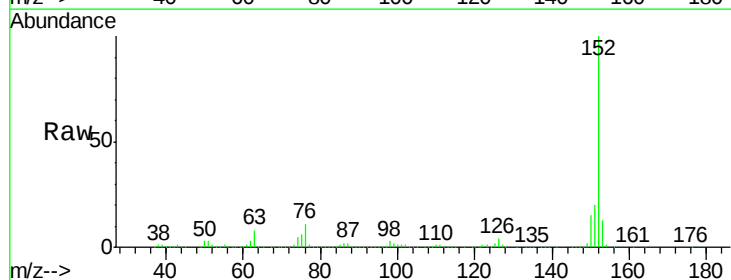
Manual Integrations
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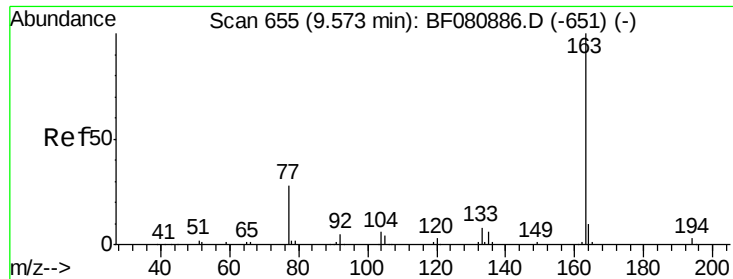
MMDadoda
8/10/2015 10:15:48 AM



#48
Acenaphthylene
Concen: 38.73 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.5	10.6	16.0





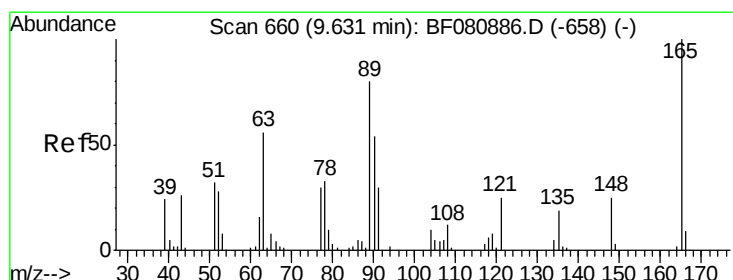
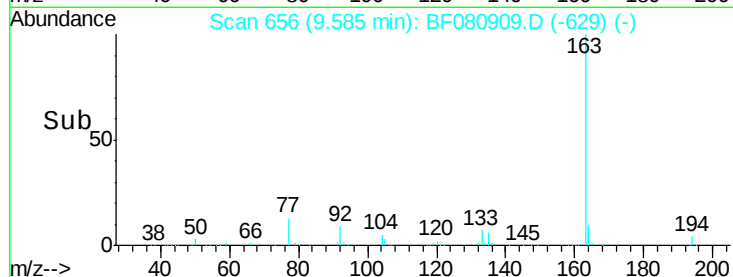
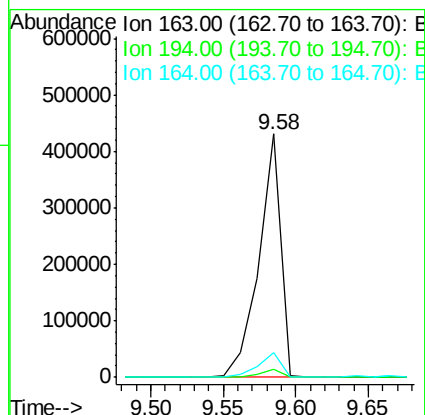
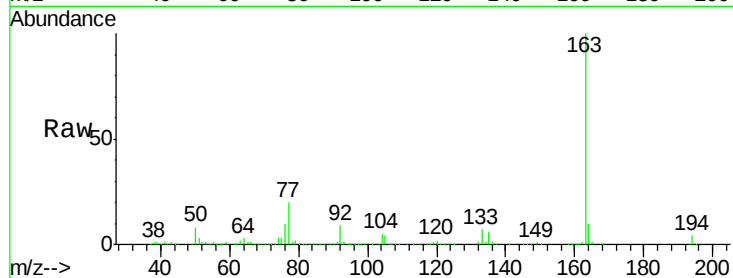
#49
Dimethylphthalate
Concen: 48.49 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	449285		
194	3.5	2.3	3.5#	
164	10.0	8.3	12.5	

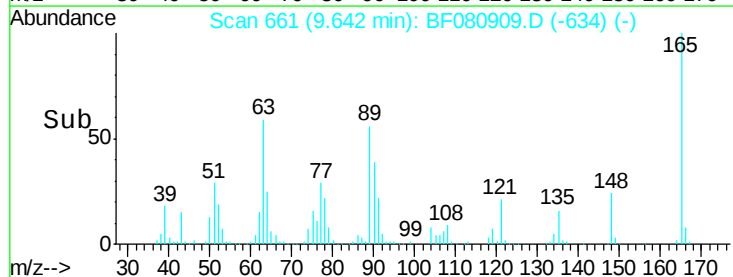
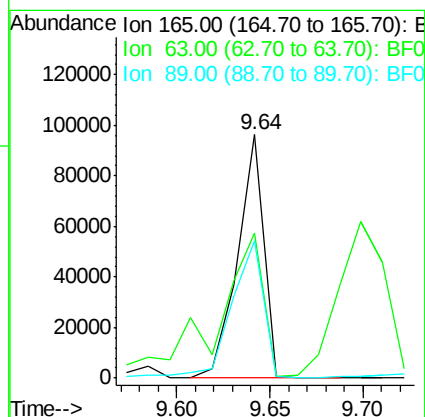
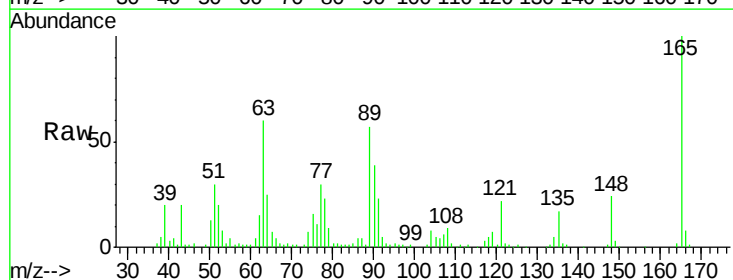
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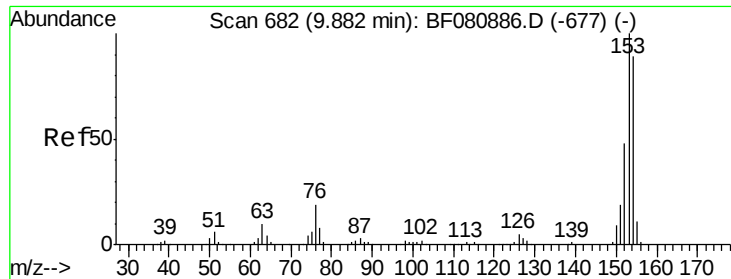
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 47.78 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94942		
63	59.6	77.6	116.4#	
89	56.7	63.7	95.5#	





#51

Acenaphthene

Concen: 45.13 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080909.D

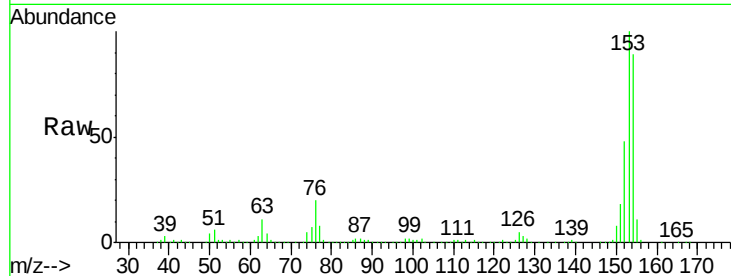
Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

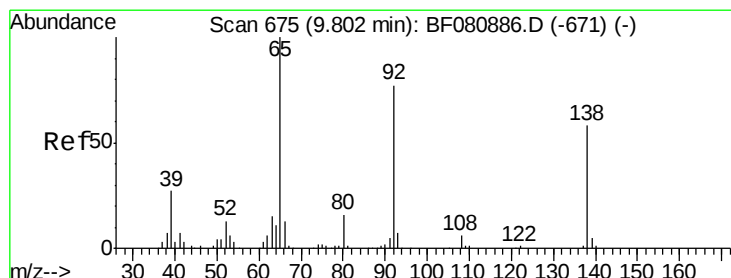
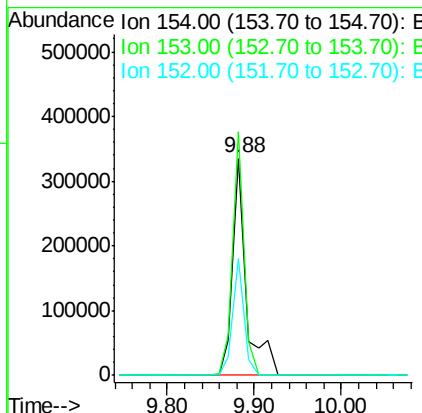
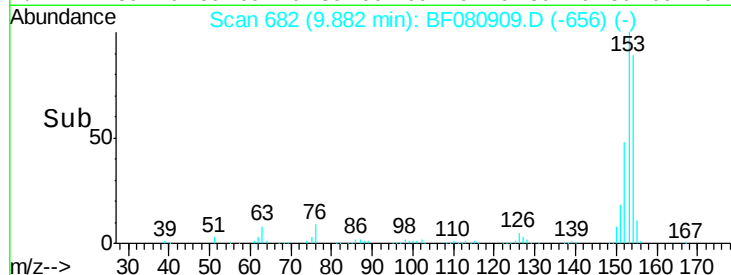
MW-3MS



Tot Ion:	154	Resp:	371229
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.4	135.6
152	53.8	43.6	65.4

Manual Integrations
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MMDadoda
8/10/2015 10:15:48 AM



#52

3-Nitroaniline

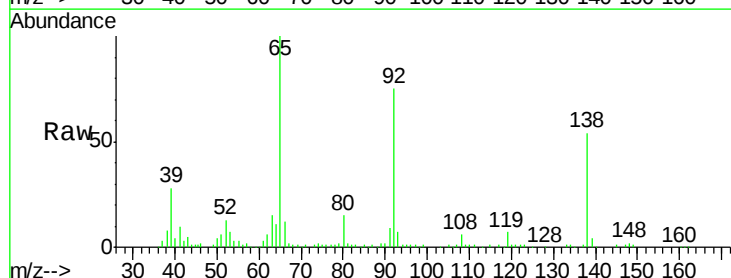
Concen: 24.40 ng

RT: 9.80 min Scan# 675

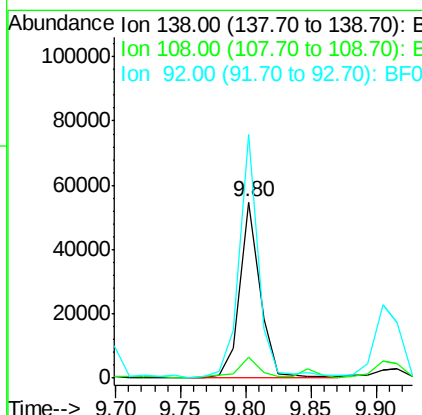
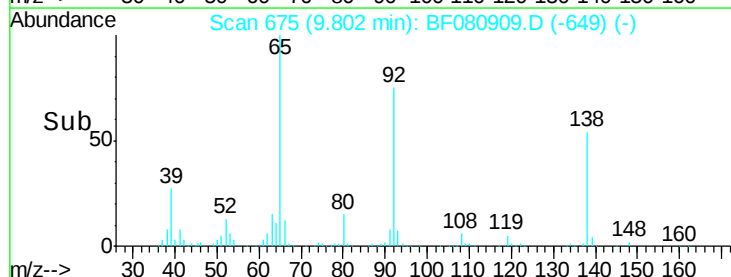
Delta R.T. -0.00 min

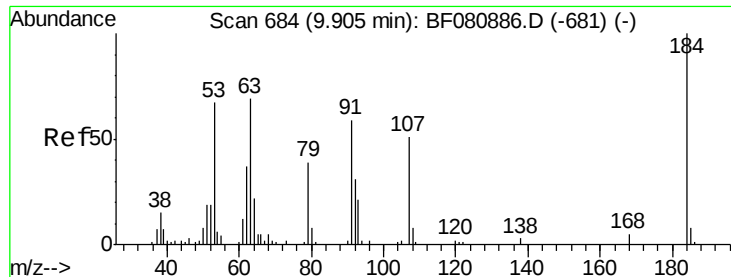
Lab File: BF080909.D

Acq: 7 Aug 2015 2:41



Tgt Ion:	138	Resp:	59949
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.9	13.3
92	138.1	106.2	159.2





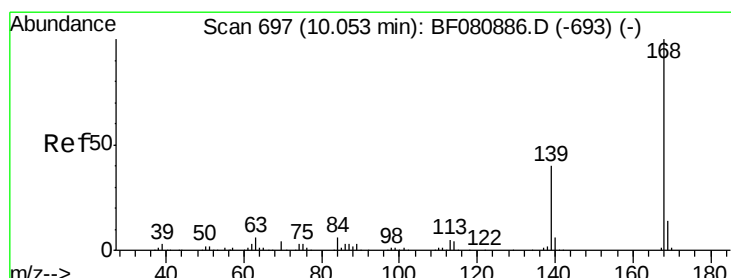
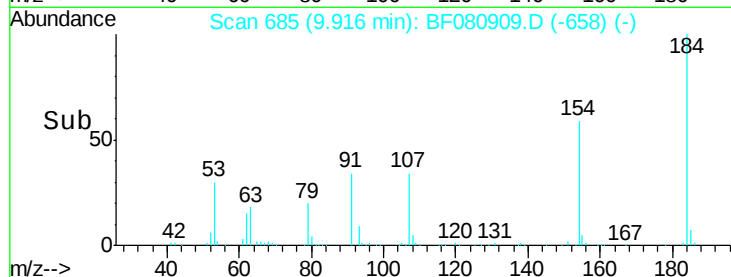
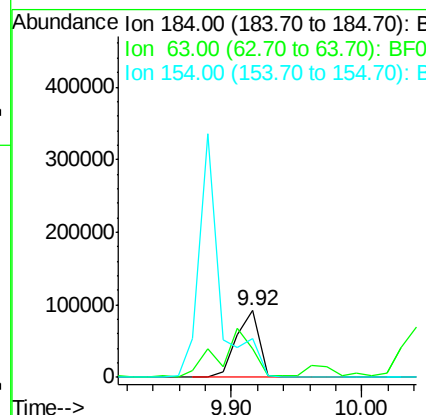
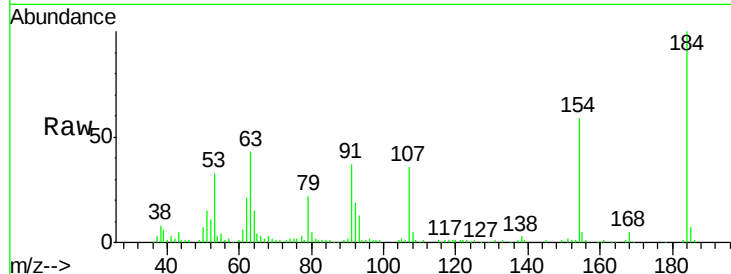
#53
2,4-Dinitrophenol
Concen: 101.53 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampled :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	43.5	67.6	101.4	#
154	59.2	54.3	81.5	

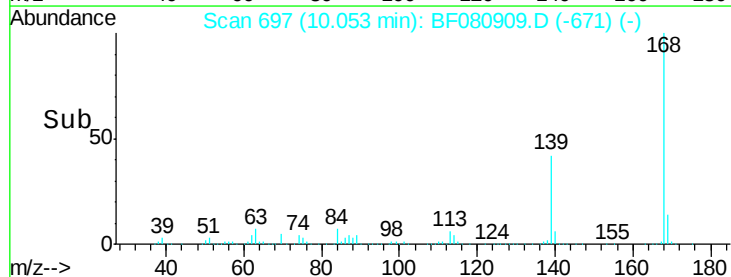
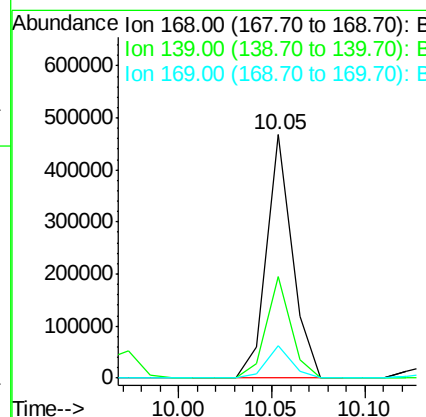
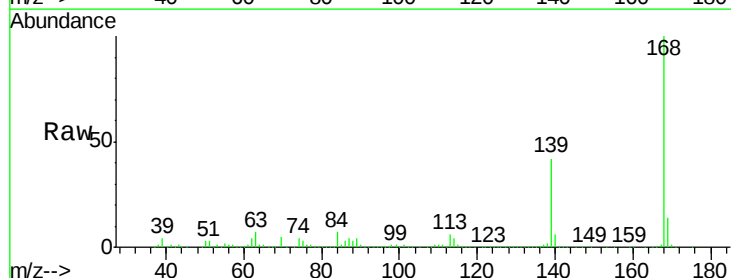
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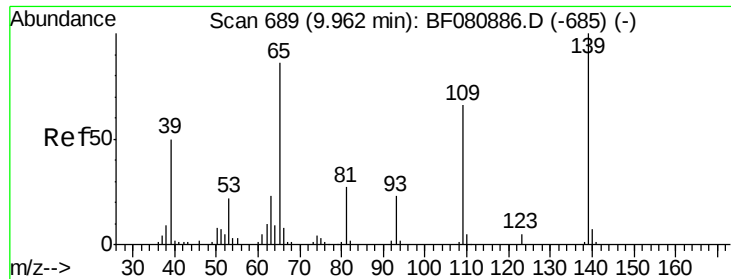
MMDadoda
8/10/2015 10:15:48 AM



#54
Dibenzofuran
Concen: 40.00 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	31.8	47.8	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 37.54 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

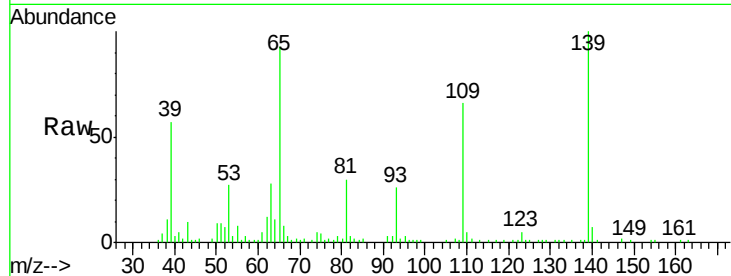
ClientSampled :

MW-3MS

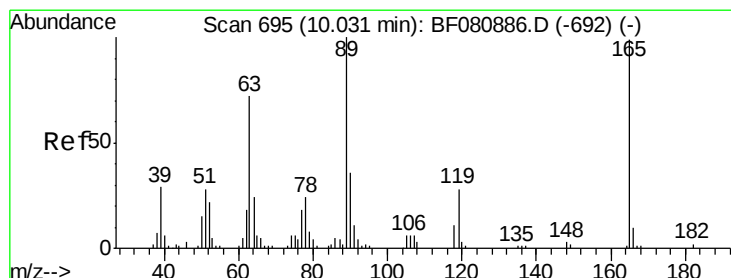
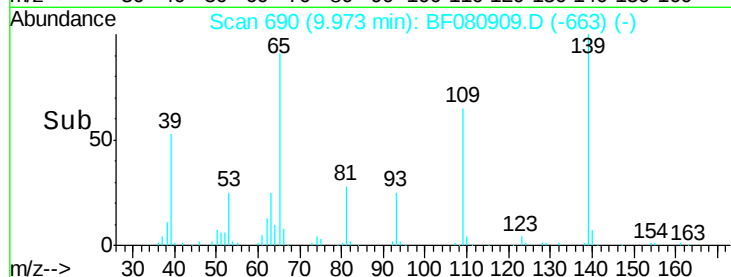
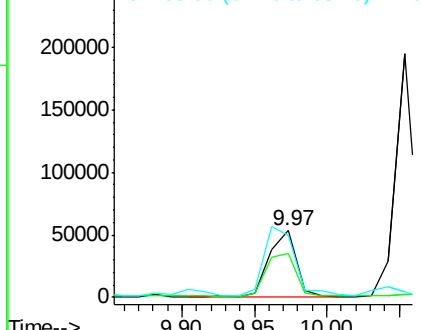
Manual Integrations
APPROVED

MMDadoda
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Tot Ion:	139	Resp:	69597
Ion Ratio	Lower	Upper	
139	100		
109	66.3	46.4	86.4
65	92.6	65.6	105.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.42 ng

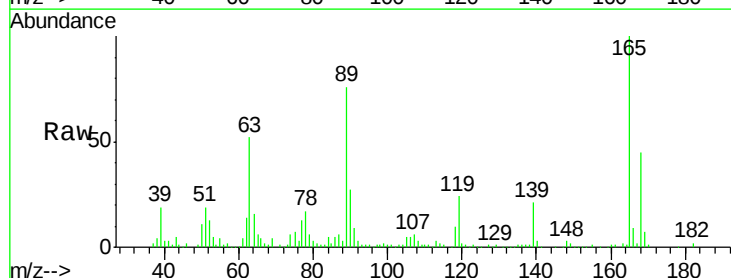
RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

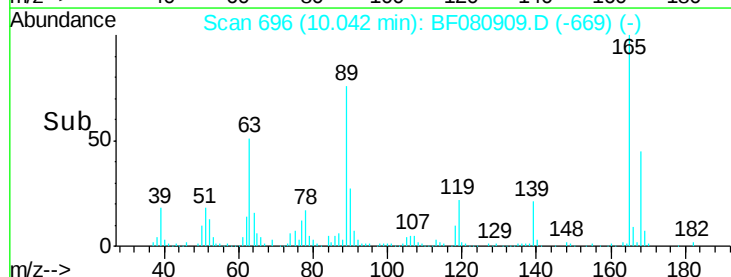
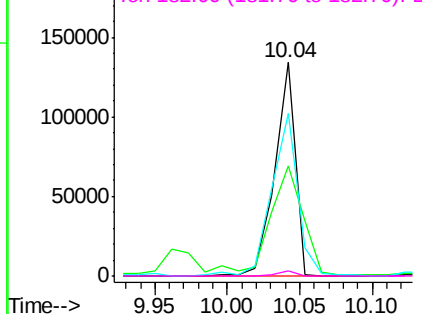
Lab File: BF080909.D

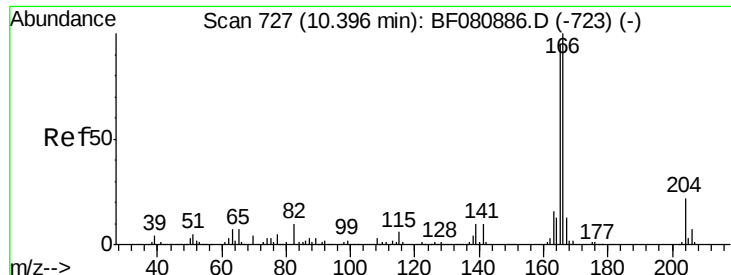
Acq: 7 Aug 2015 2:41

Tgt Ion:	165	Resp:	132091
Ion Ratio	Lower	Upper	
165	100		
63	51.6	58.6	87.8#
89	75.9	80.7	121.1#
182	2.1	1.8	2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





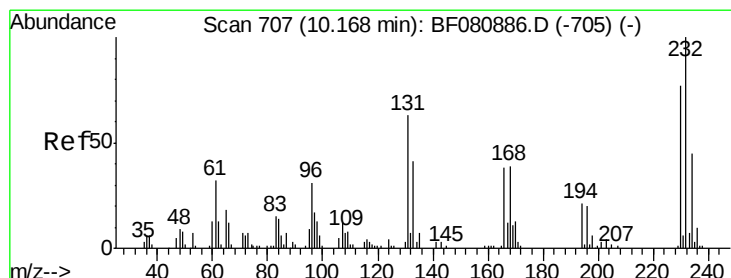
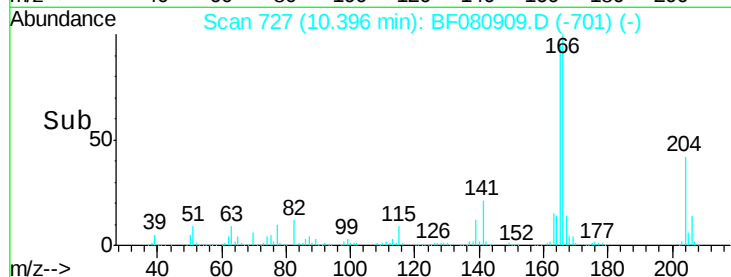
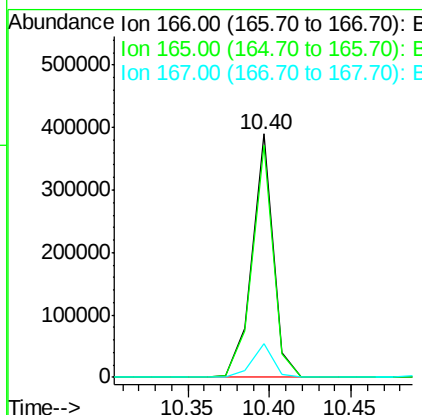
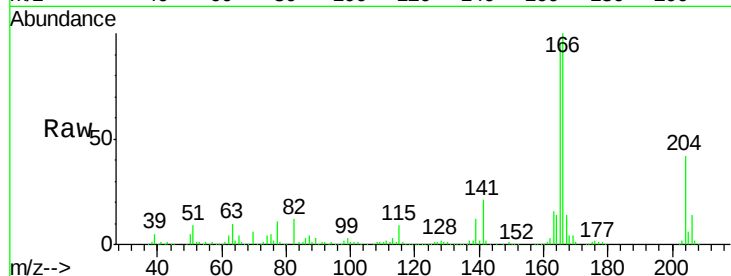
#57
 Fluorene
 Concen: 40.15 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	349946		
165	95.5	75.9	113.9	
167	14.1	10.8	16.2	

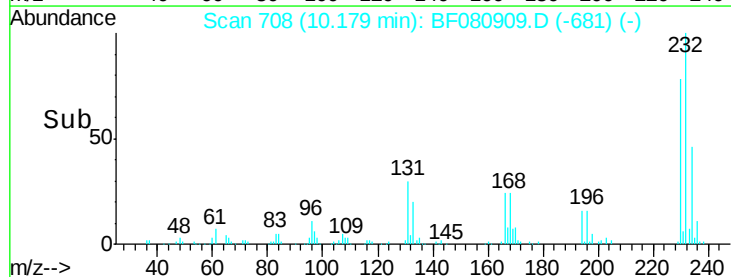
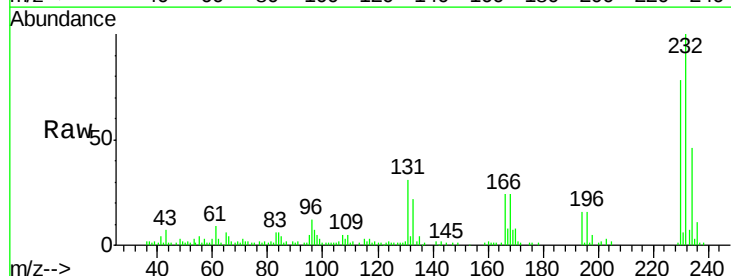
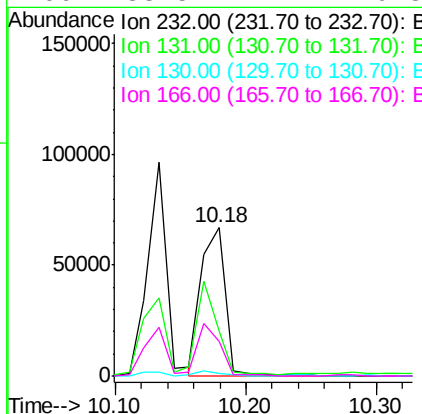
Manual Integrations
 APPROVED

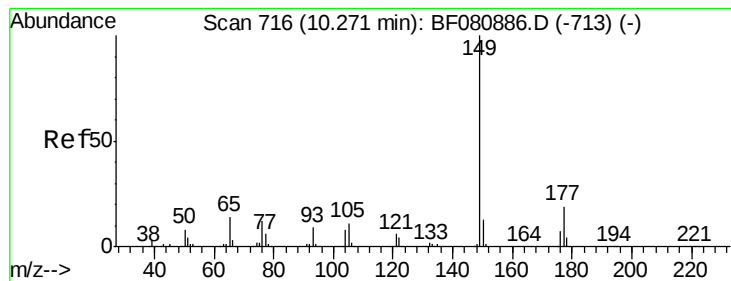
MMDadoda
 8/10/2015 10:15:48 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.35 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	87713		
131	54.4	44.9	67.3	
130	3.3	1.9	2.9	
166	33.5	27.2	40.8	





#59

Diethylphthalate

Concen: 45.24 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

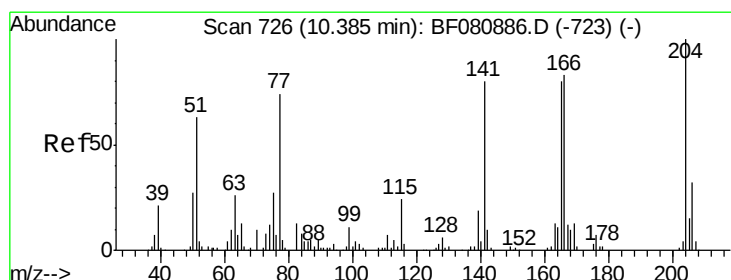
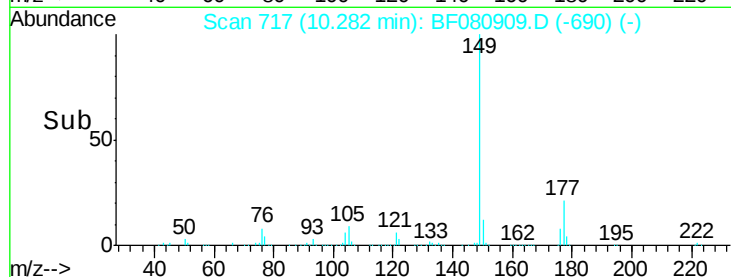
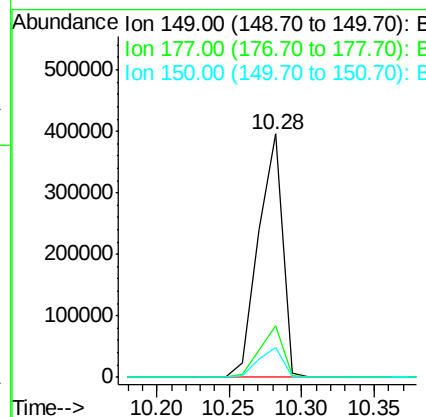
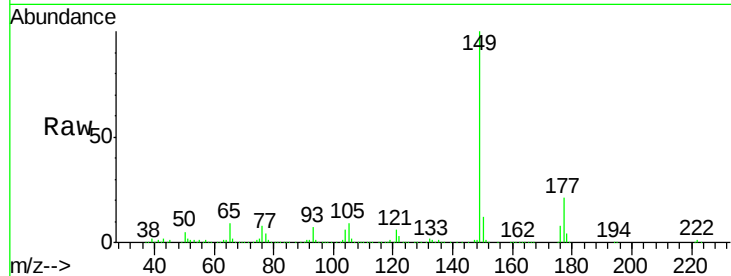
ClientSampleId :

MW-3MS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.4	14.9	22.3	
150	12.4	10.1	15.1	



#60

4-Chlorophenyl-phenylether

Concen: 43.53 ng

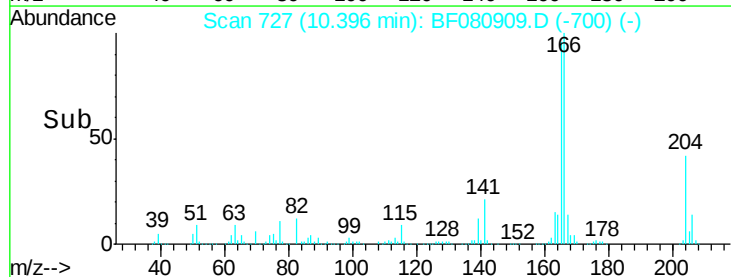
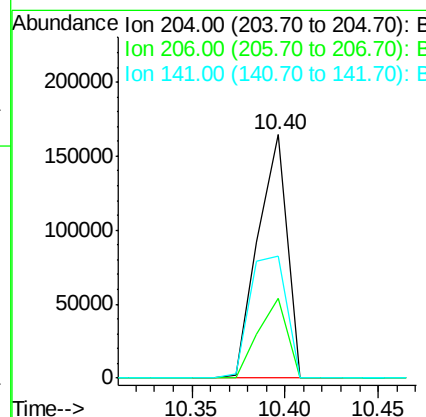
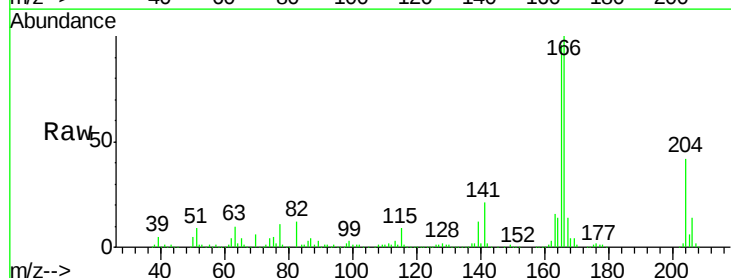
RT: 10.40 min Scan# 727

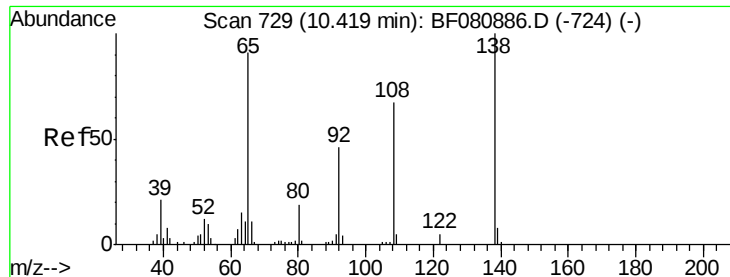
Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	25.8	38.6	
141	50.2	63.8	95.6#	





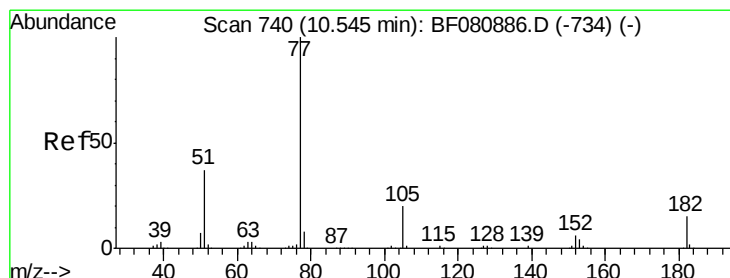
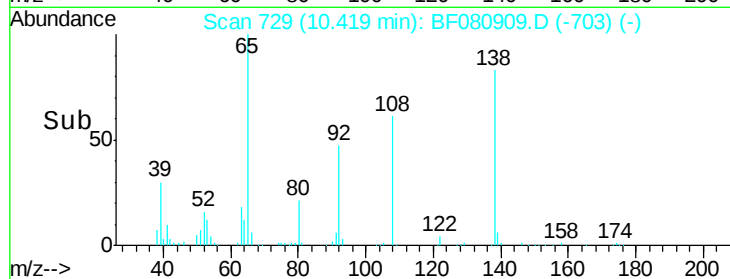
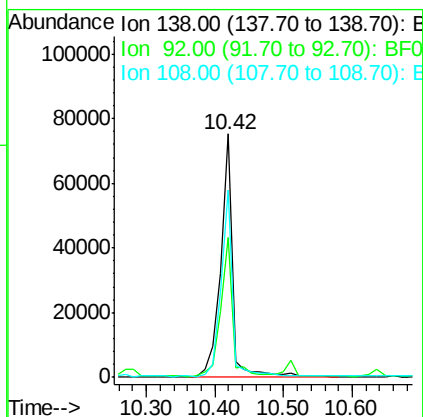
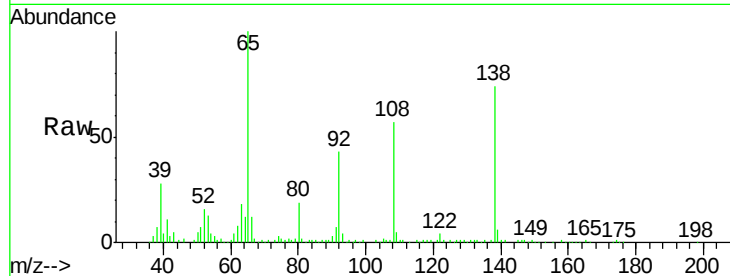
#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampled :
MW-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.3	25.6	65.6
108	76.9	46.9	86.9

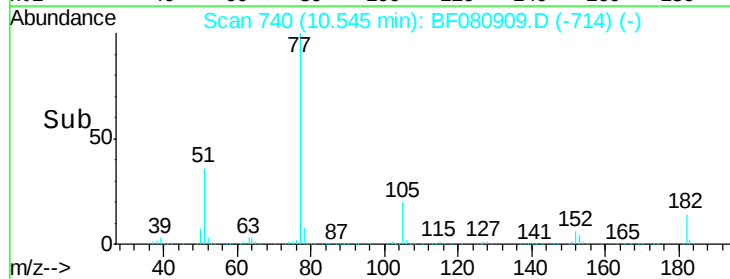
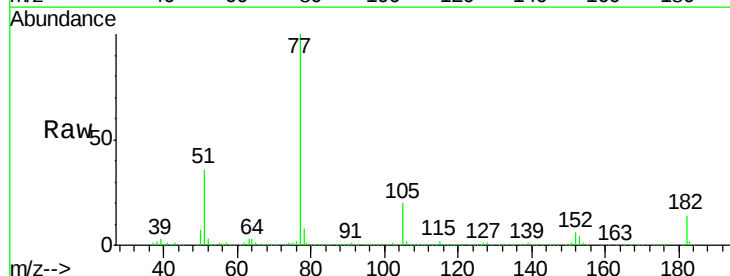
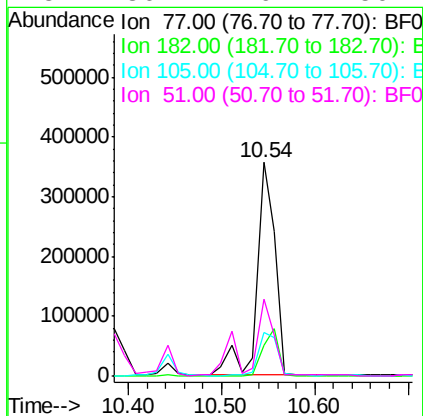
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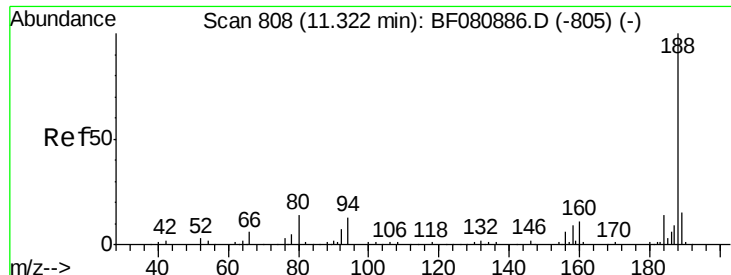
MMDadoda
8/10/2015 10:15:48 AM



#62
Azobenzene
Concen: 43.16 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.3	0.0	34.5
105	20.1	0.2	40.2
51	36.1	16.7	56.7





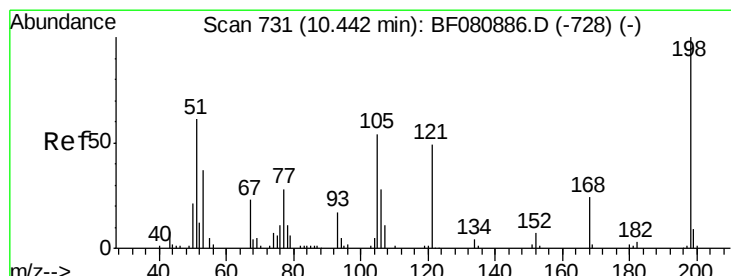
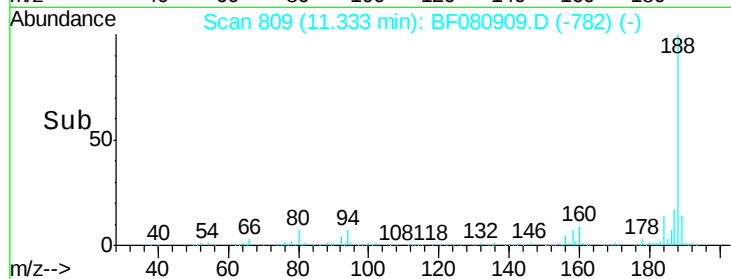
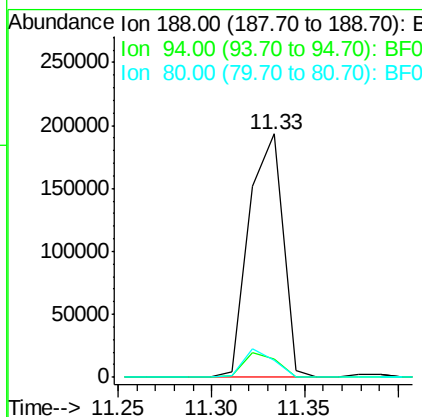
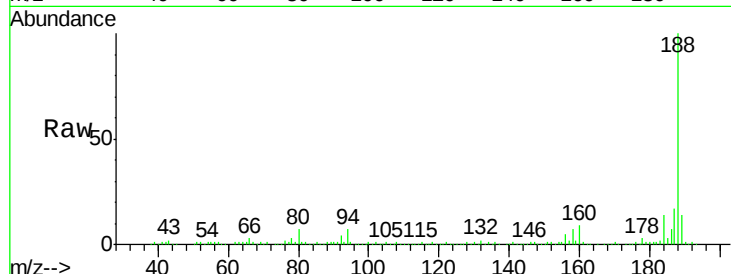
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	10.2	15.2#
80	7.1	11.4	17.2#

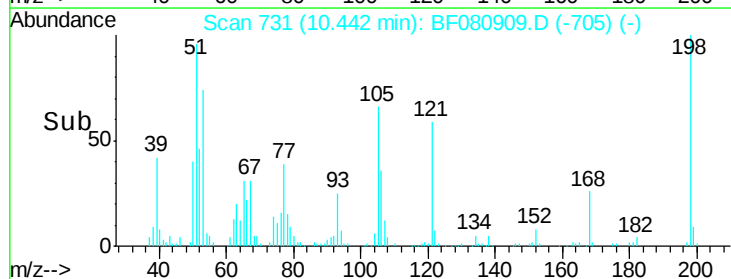
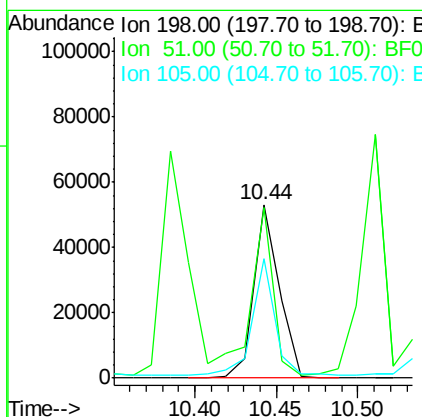
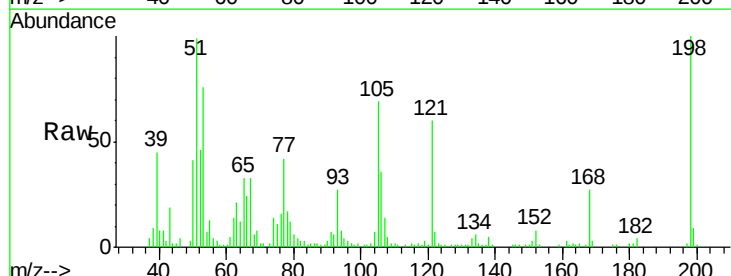
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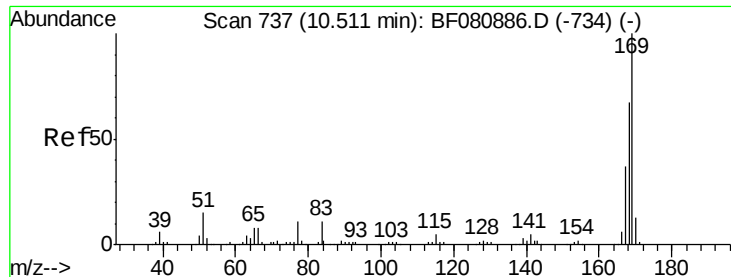
MMDadoda
8/10/2015 10:15:48 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.99 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	98.6	47.9	87.9#
105	68.8	35.0	75.0





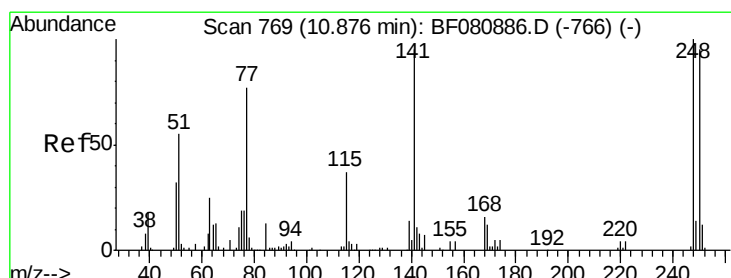
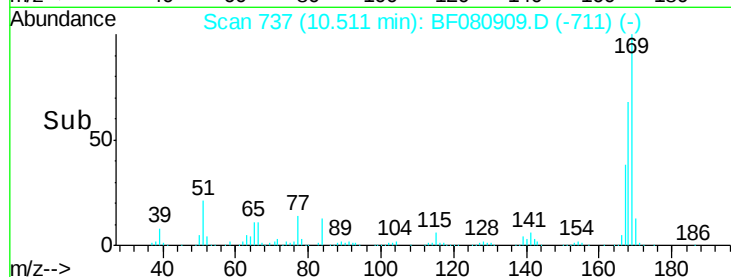
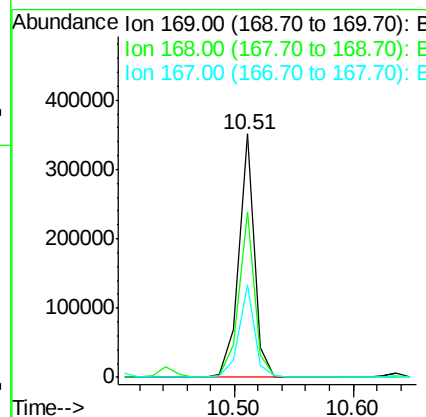
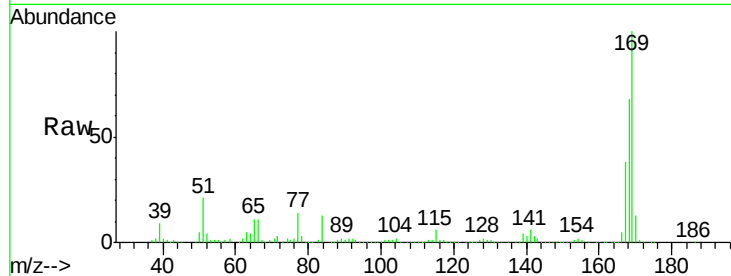
#65
n-Nitrosodiphenylamine
Concen: 37.03 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	322763		
168	67.8	54.0	81.0	
167	38.1	29.8	44.8	

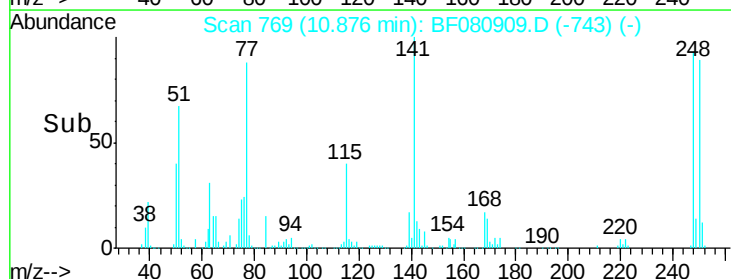
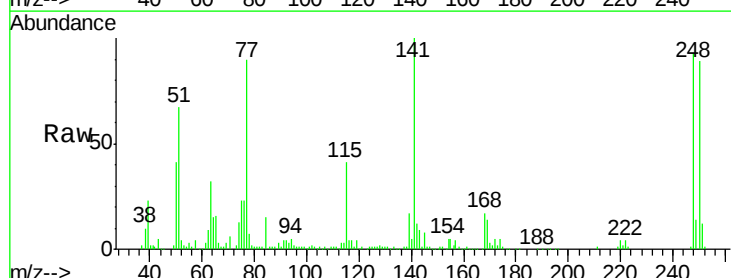
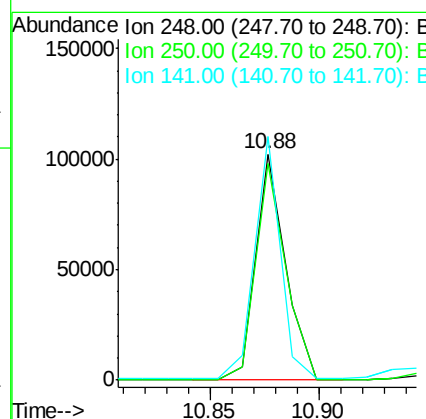
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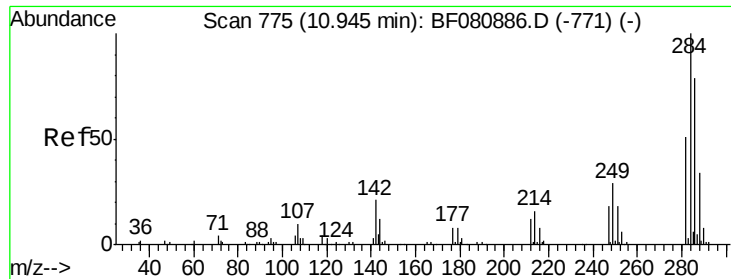
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8/10/2015 10:15:48 AM



#66
4-Bromophenyl-phenylether
Concen: 36.78 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	97811		
250	95.9	75.9	113.9	
141	107.6	75.8	113.6	





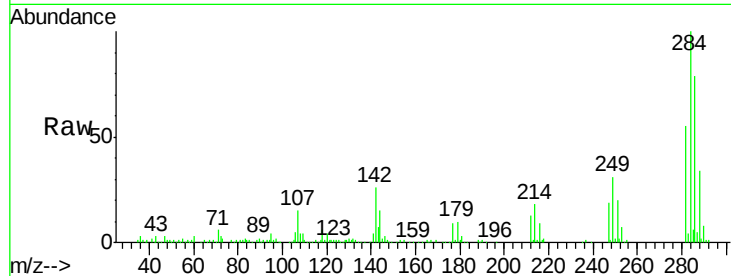
#67
Hexachlorobenzene
Concen: 42.31 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

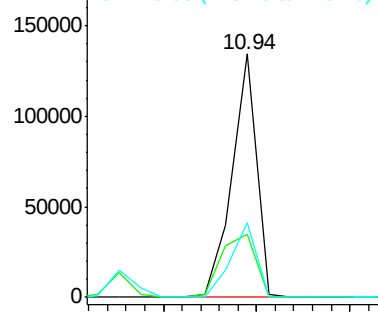
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.7	16.4	24.6#
249	30.7	23.1	34.7

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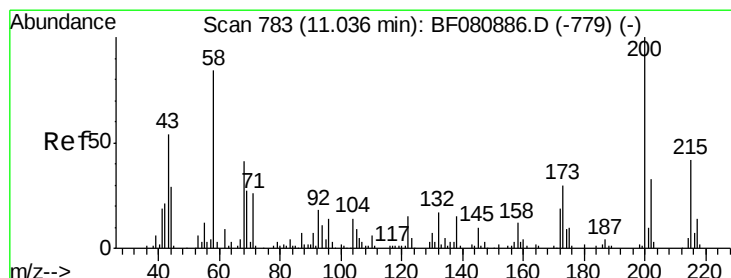
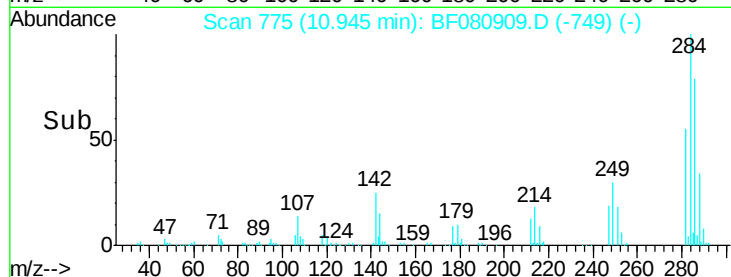
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

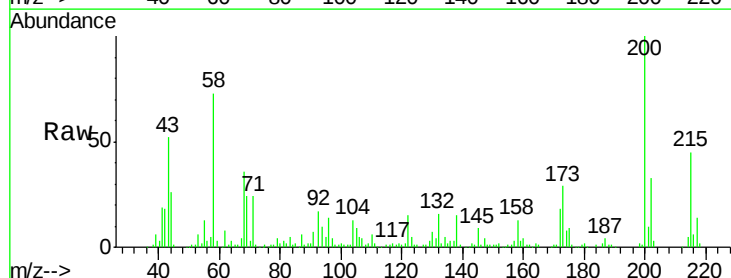


Time-->

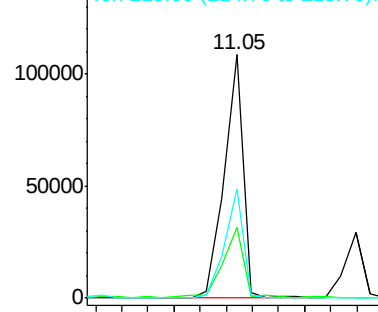


#68
Atrazine
Concen: 43.74 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

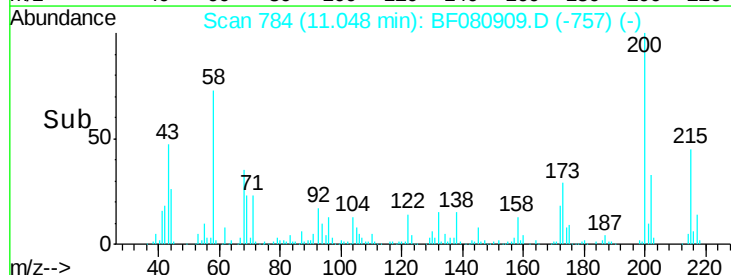
Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	10.0	50.0
215	45.0	22.3	62.3

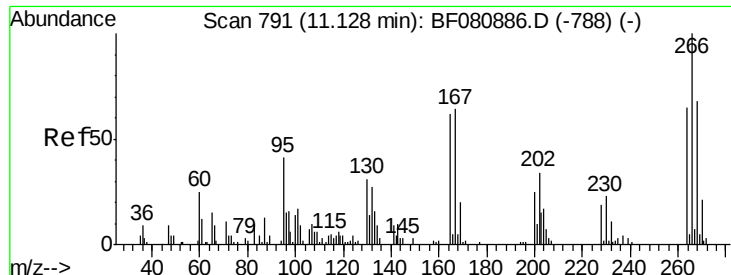


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





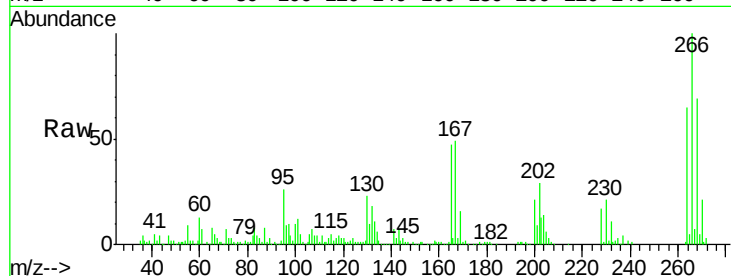
#69
 Pentachlorophenol
 Concen: 84.49 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

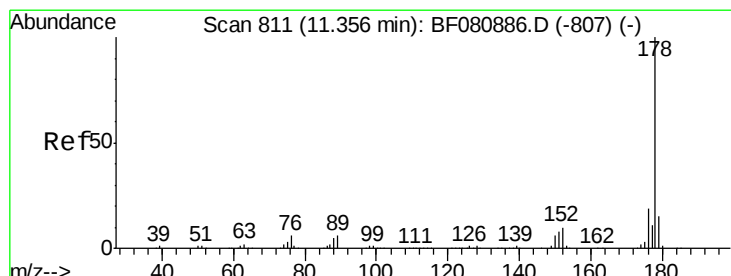
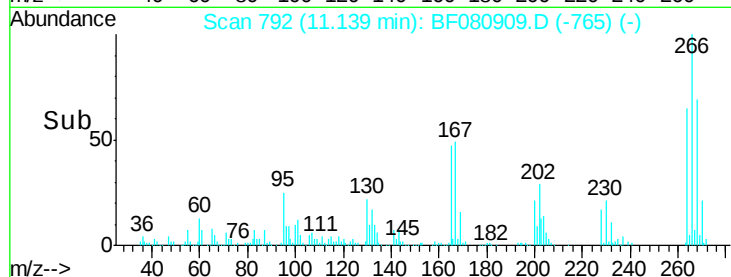
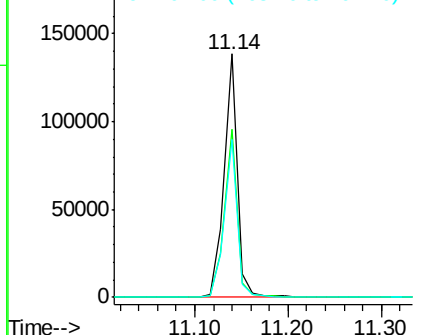
Tot Ion	Ratio	Resp	Lower	Upper
266	100	136160		
268	69.1	54.1	81.1	
264	64.6	51.6	77.4	

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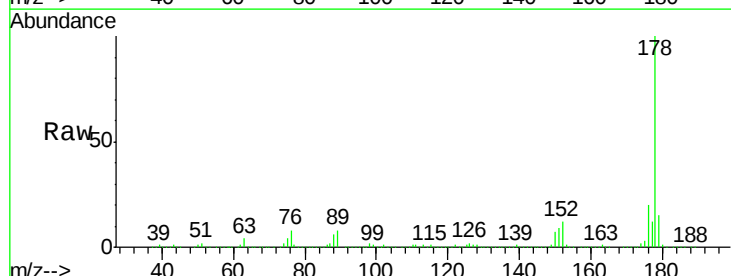


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

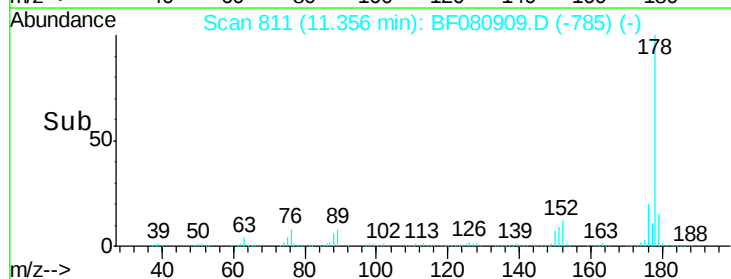
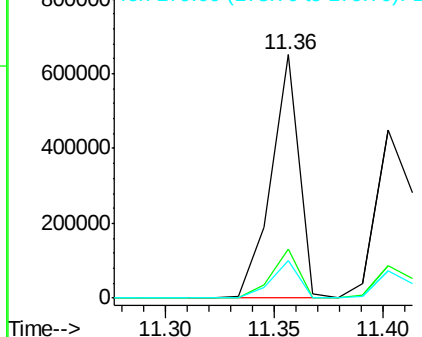


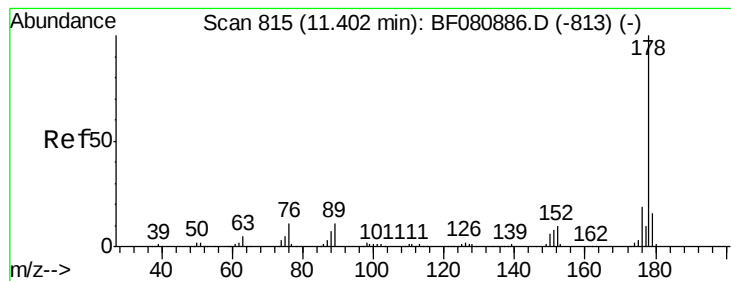
#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	589414		
176	20.3	15.6	23.4	
179	15.5	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.76 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

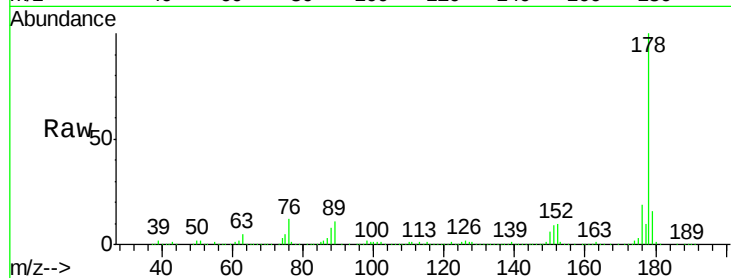
ClientSampleId :

MW-3MS

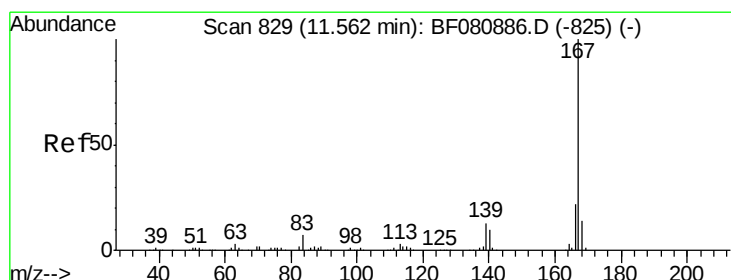
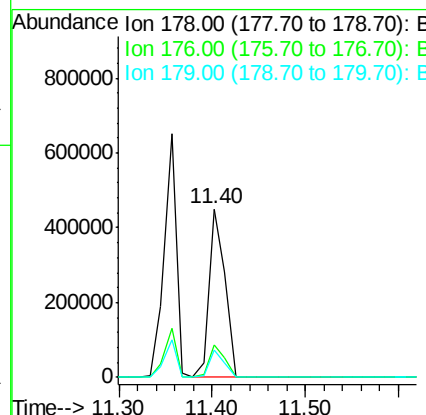
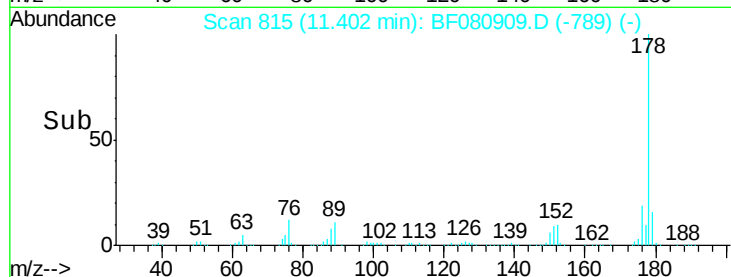
Tot Ion:	178	Resp:	532091
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	16.2	12.5	18.7

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.11 ng

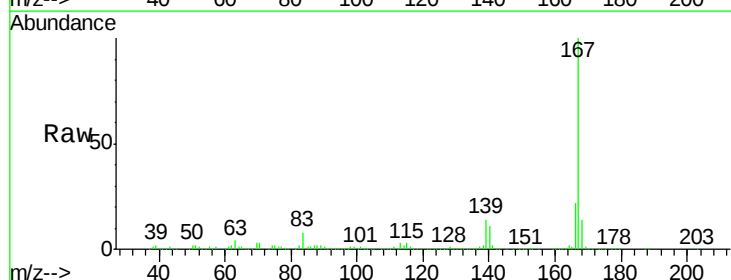
RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

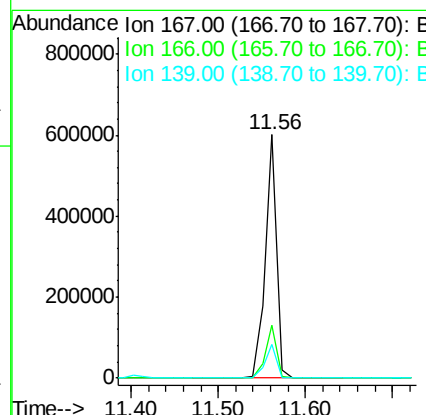
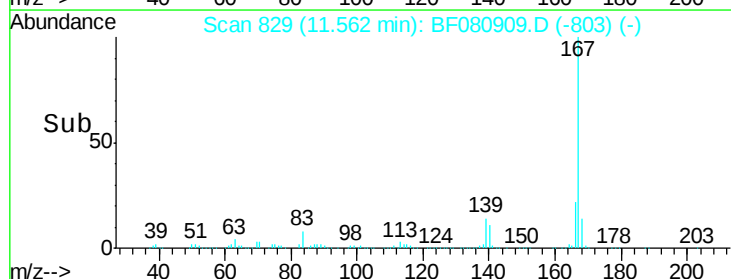
Lab File: BF080909.D

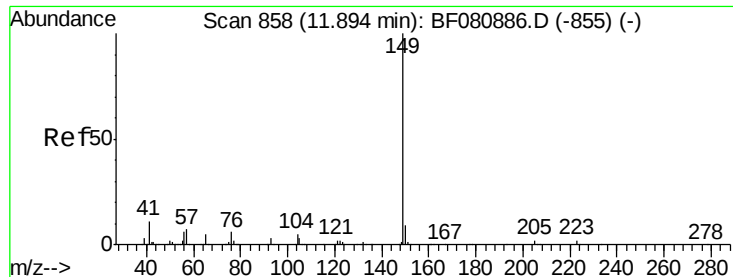
Acq: 7 Aug 2015 2:41

Tgt Ion:	167	Resp:	556648
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	13.9	10.2	15.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.74 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

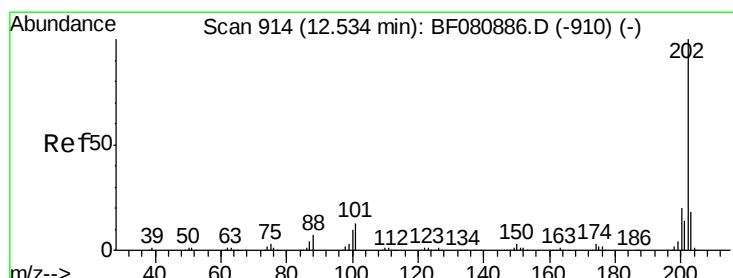
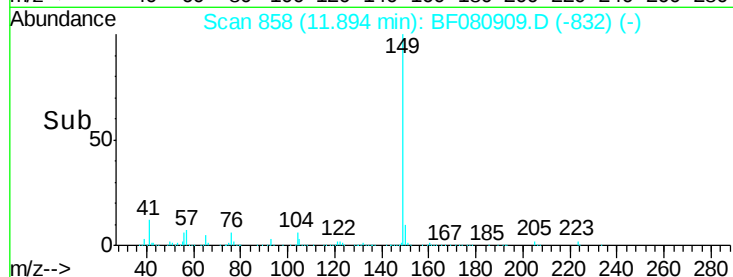
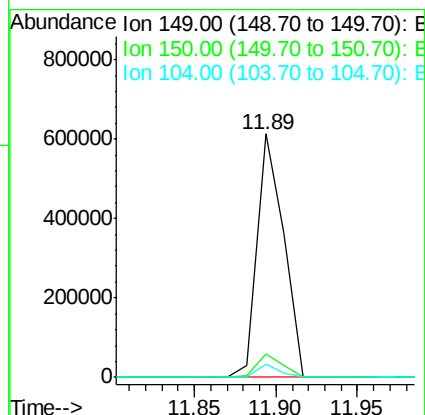
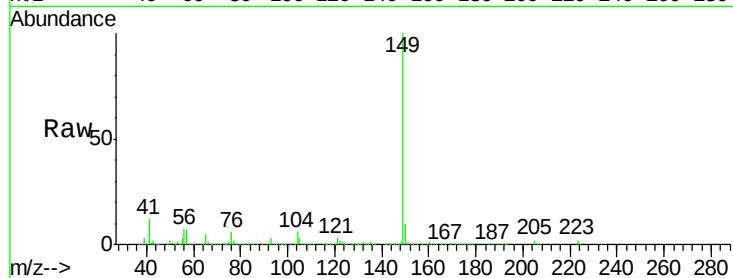
ClientSampleId :

MW-3MS

Tot Ion:	149	Resp:	689627
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.6	11.4
104	5.6	4.3	6.5

Manual Integrations
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8/10/2015 10:15:48 AM



#74

Fluoranthene

Concen: 37.40 ng

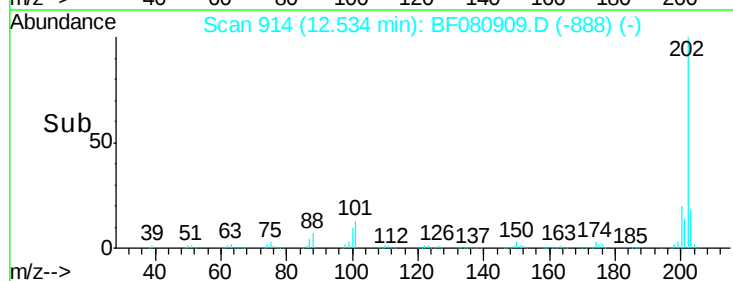
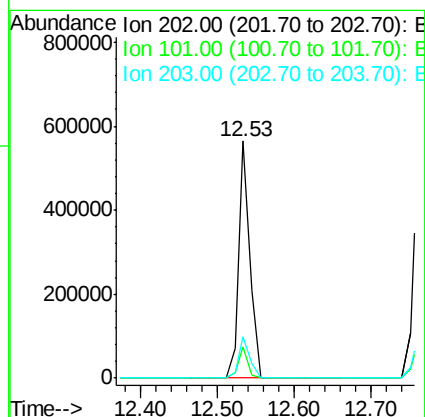
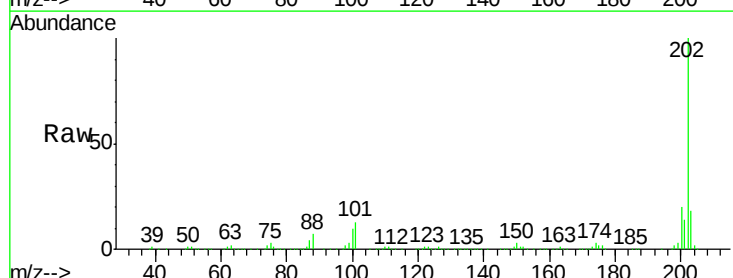
RT: 12.53 min Scan# 914

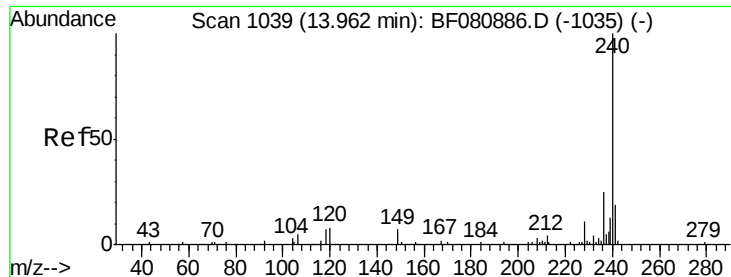
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	202	Resp:	585444
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.7
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

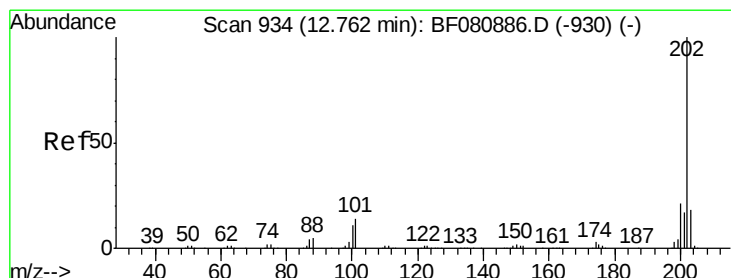
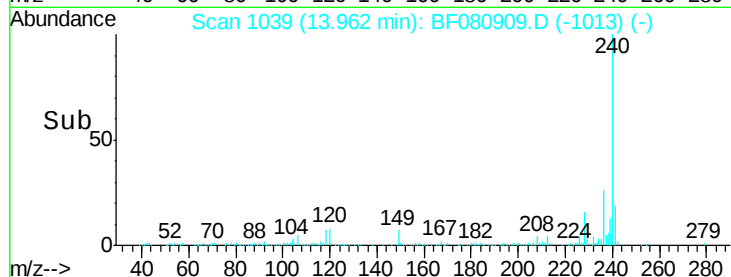
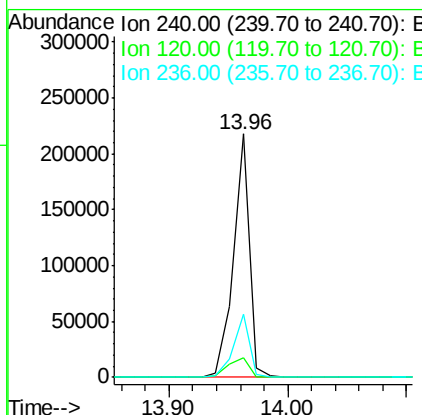
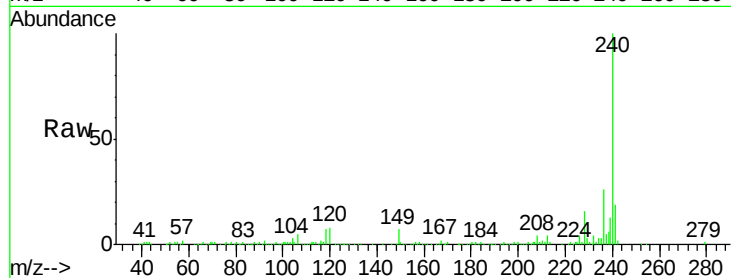
ClientSampleId :

MW-3MS

Tot Ion:	240	Resp:	203330
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.4	9.6
236	25.8	20.2	30.4

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#77

Pyrene

Concen: 38.45 ng

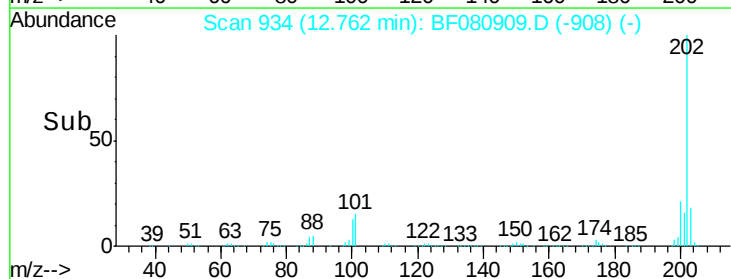
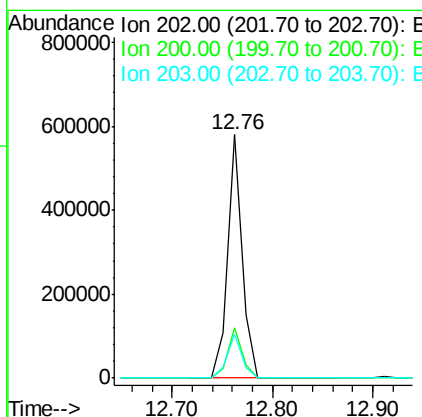
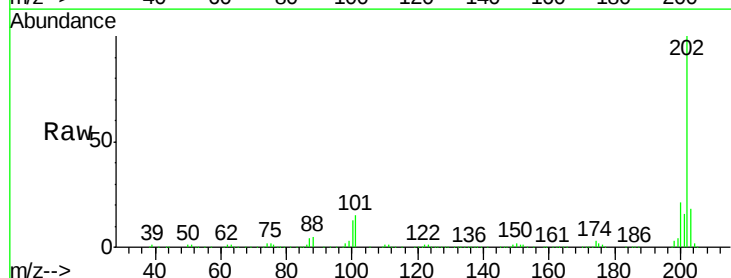
RT: 12.76 min Scan# 934

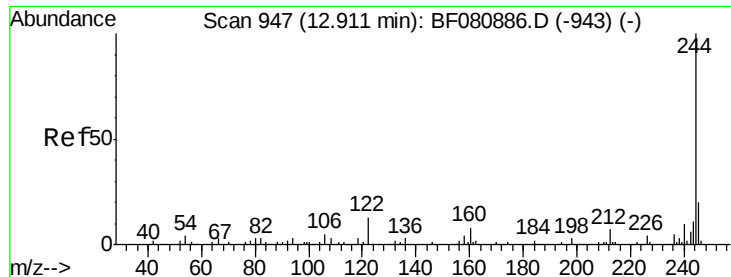
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	202	Resp:	581032
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	17.8	14.3	21.5





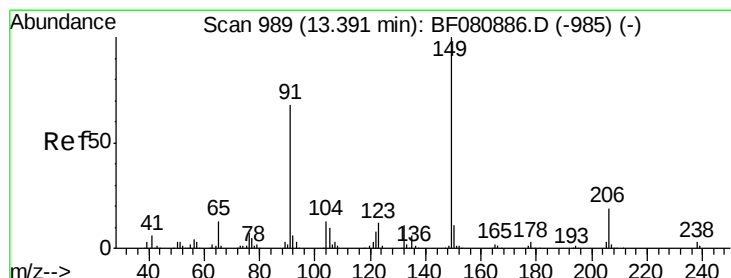
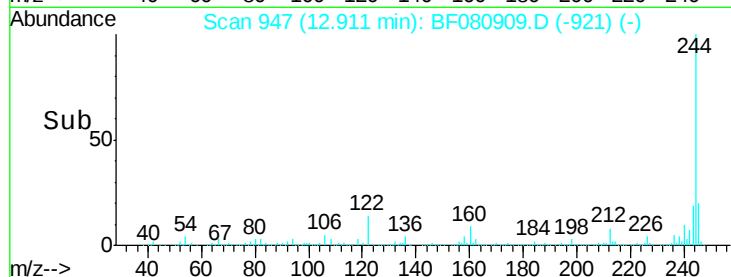
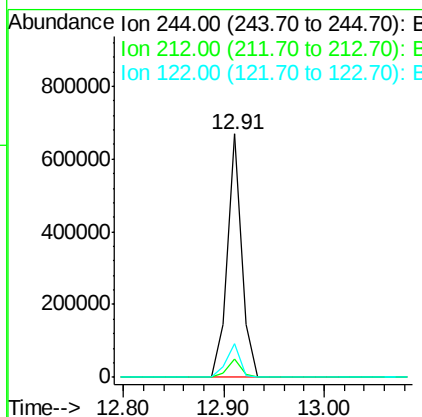
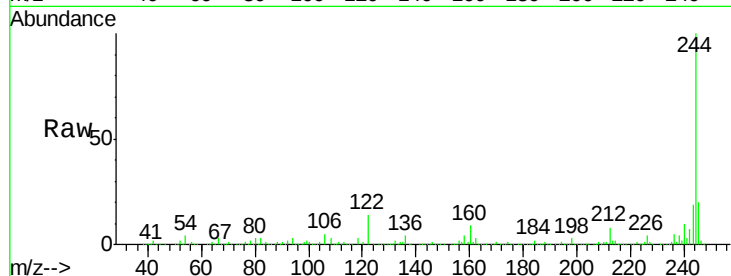
#78
 Terphenyl-d14
 Concen: 68.69 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	14.0	10.6	16.0

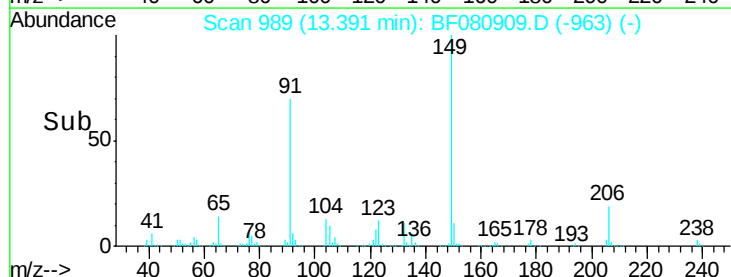
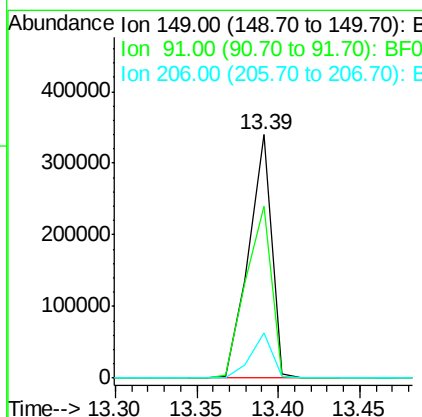
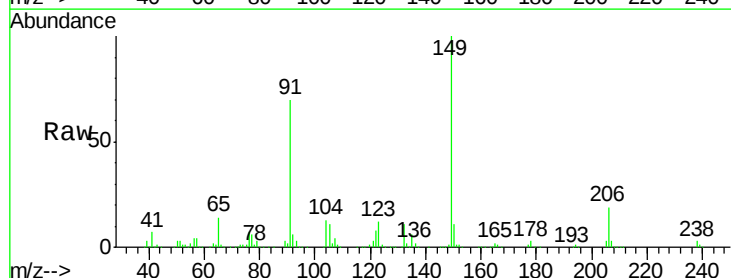
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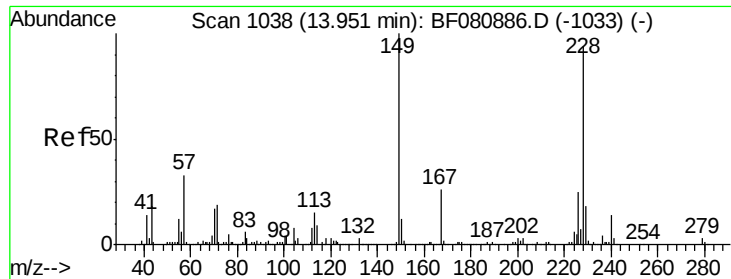
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#79
 Butylbenzylphthalate
 Concen: 46.04 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	54.0	81.0
206	18.6	15.1	22.7





#80

Benzo(a)anthracene

Concen: 37.67 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

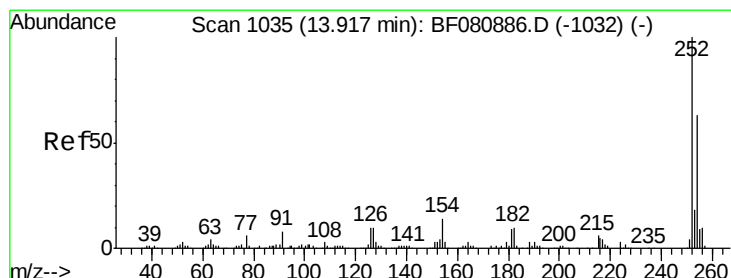
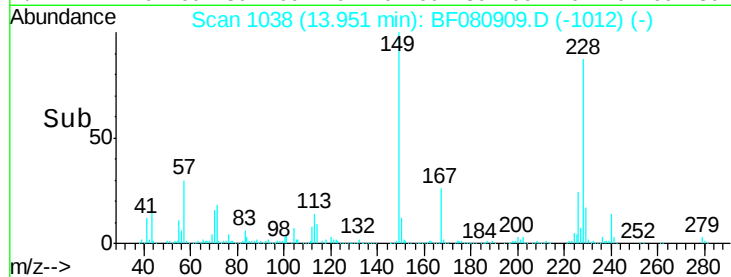
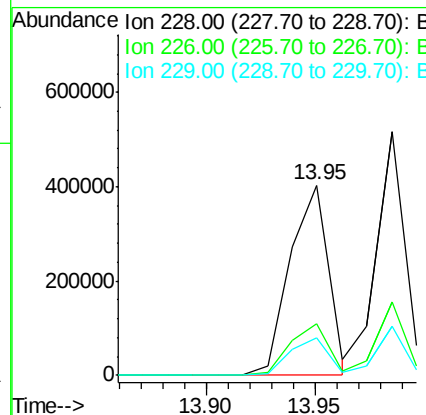
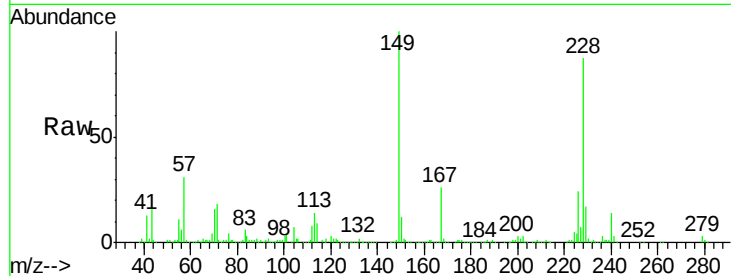
ClientSampleId :

MW-3MS

Tot Ion:	228	Resp:	500339
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.4	32.2
229	19.8	14.9	22.3

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#81

3,3'-Dichlorobenzidine

Concen: 11.81 ng

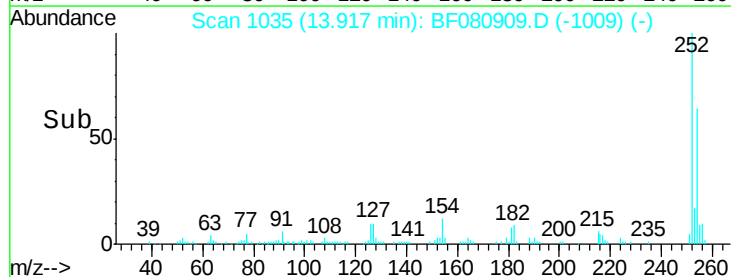
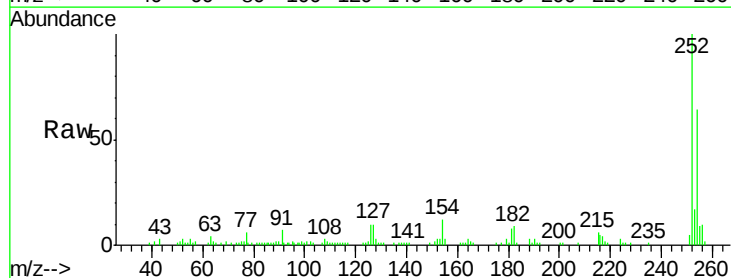
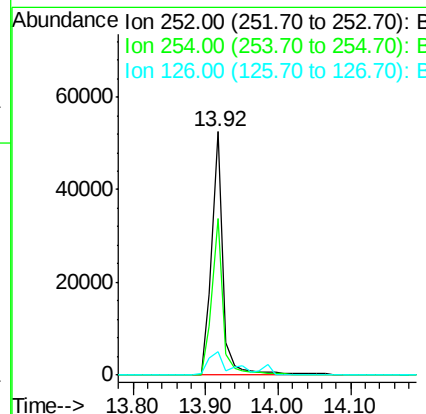
RT: 13.92 min Scan# 1035

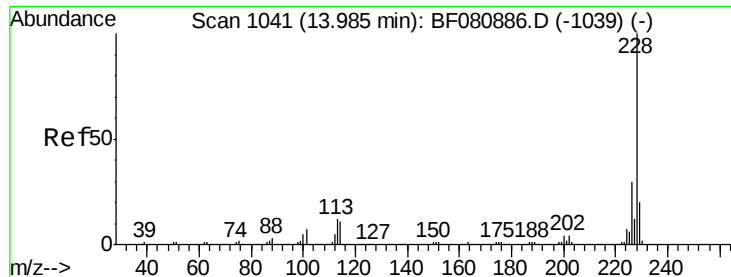
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	252	Resp:	58755
Ion Ratio	Lower	Upper	
252	100		
254	64.4	50.0	75.0
126	9.7	8.1	12.1





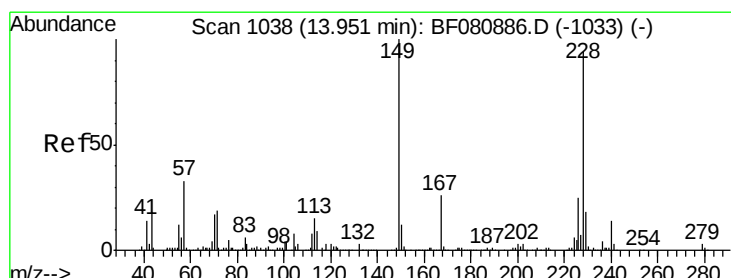
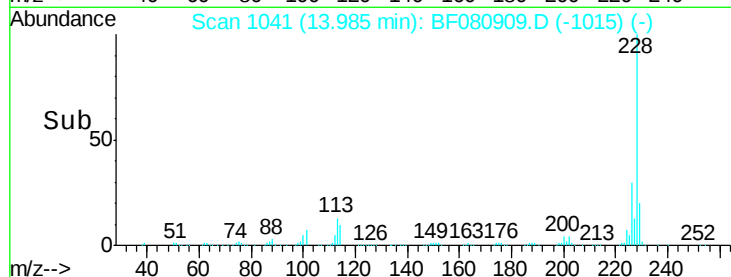
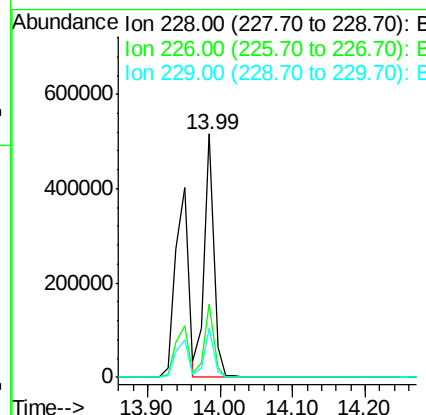
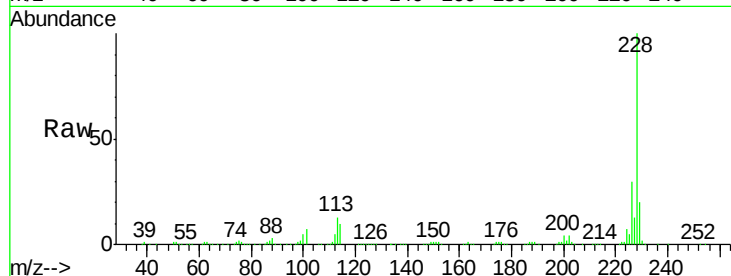
#82
Chrysene
Concen: 37.67 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.2	16.2	24.2

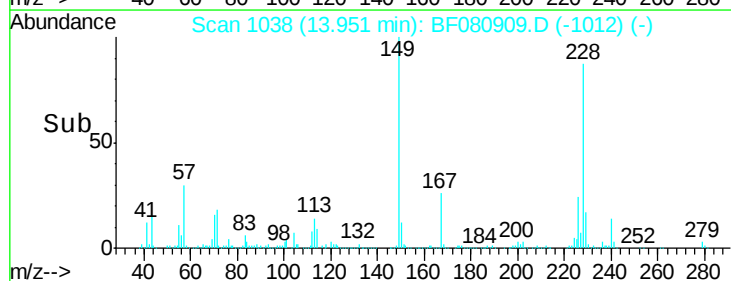
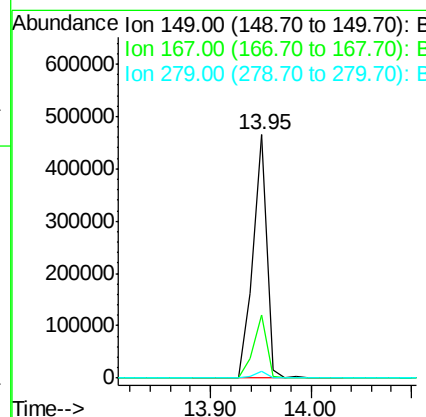
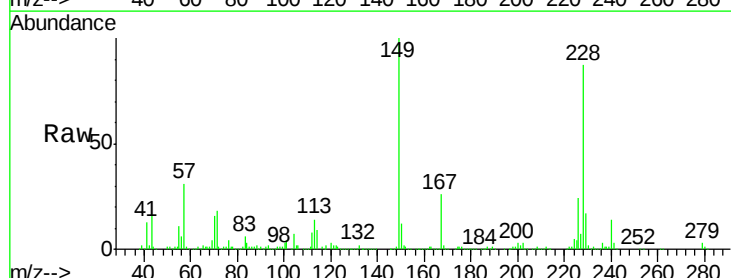
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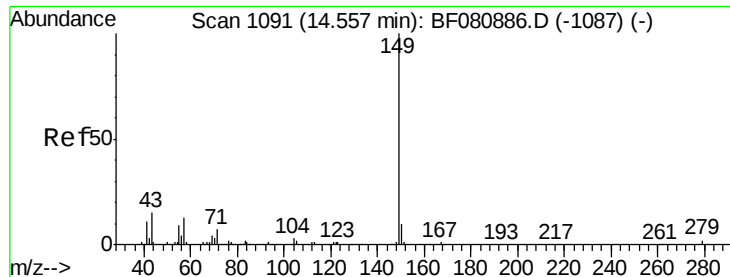
MMDadoda
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#83
Bis(2-ethylhexyl)phthalate
Concen: 44.96 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.6	31.0
279	2.9	2.4	3.6





#84

Di-n-octyl phthalate

Concen: 42.30 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

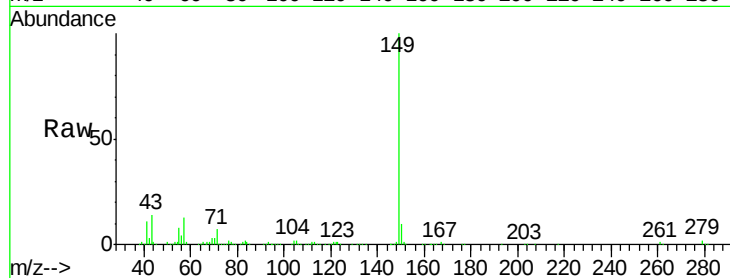
ClientSampleId :

MW-3MS

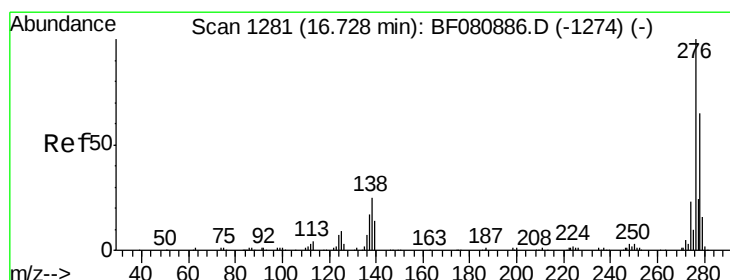
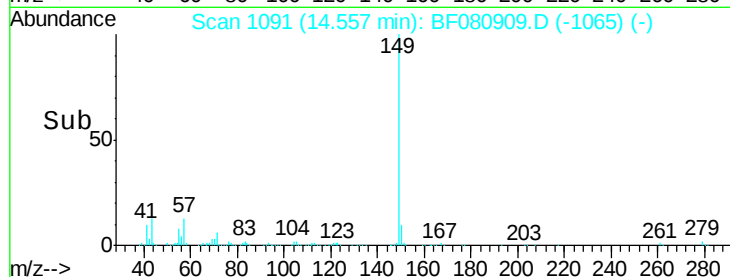
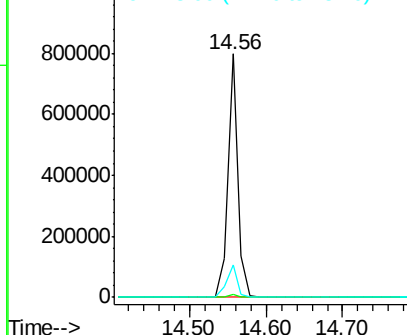
Tot Ion:	149	Resp:	738556
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	14.0	11.5	17.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.58 ng

RT: 16.73 min Scan# 1281

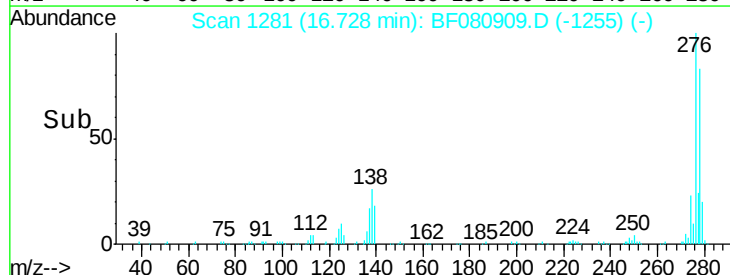
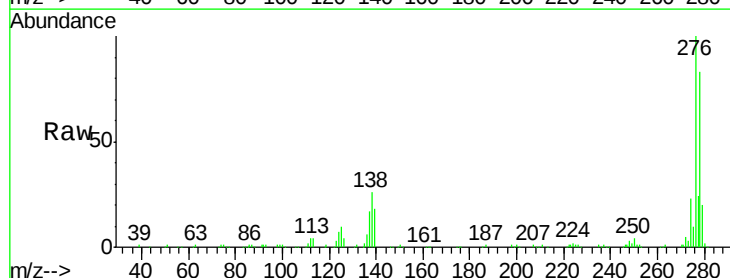
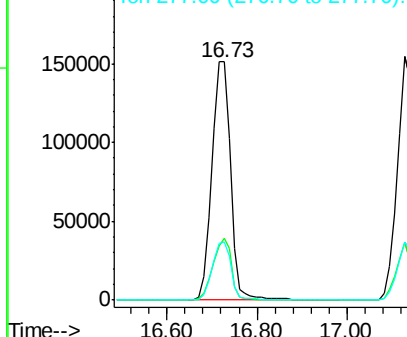
Delta R.T. -0.00 min

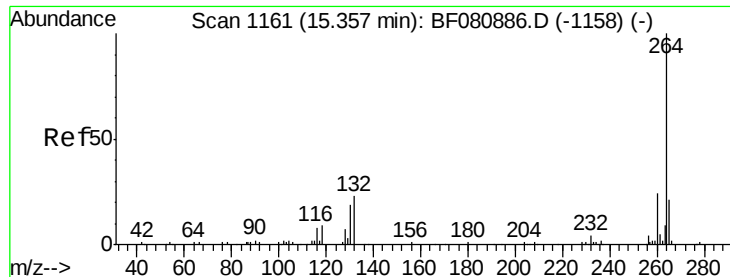
Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:	276	Resp:	439891
Ion Ratio	Lower	Upper	
276	100		
138	25.4	20.7	31.1
277	24.2	19.4	29.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





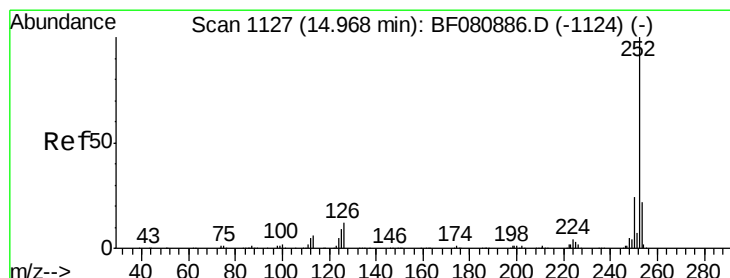
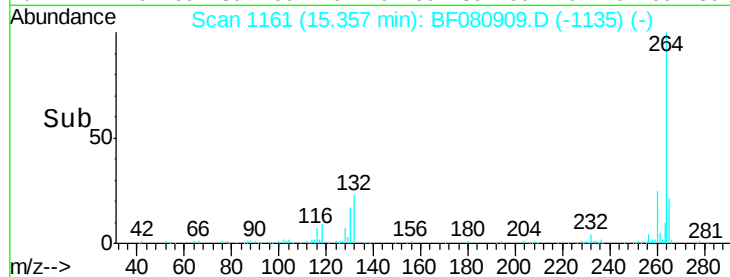
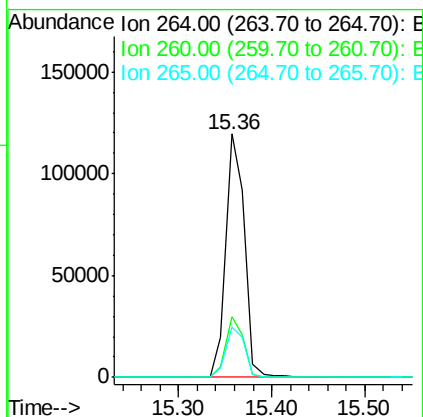
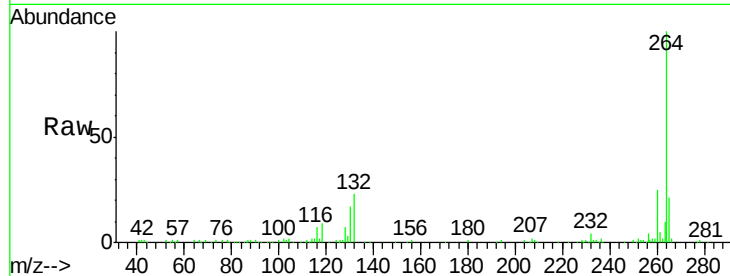
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	20.8	17.0	25.6

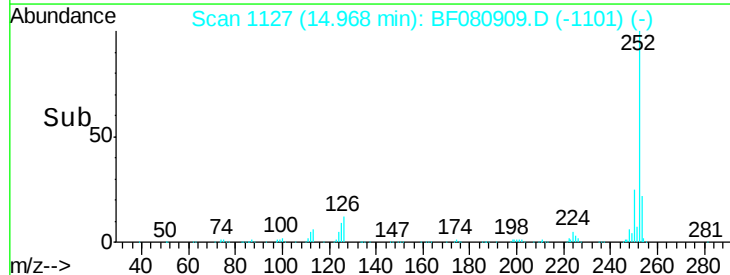
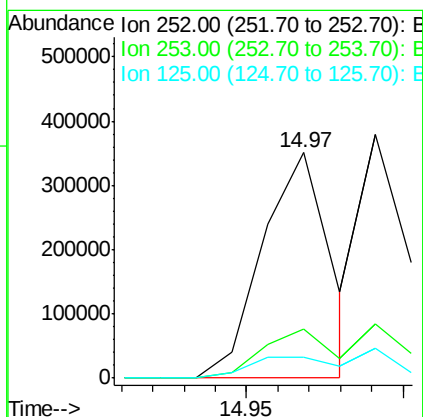
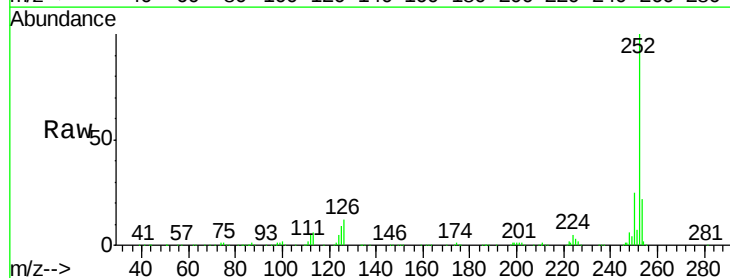
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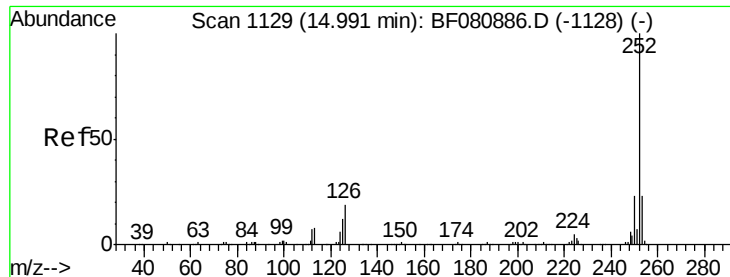
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#87
Benzo(b)fluoranthene
Concen: 45.05 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.5	7.0	10.4





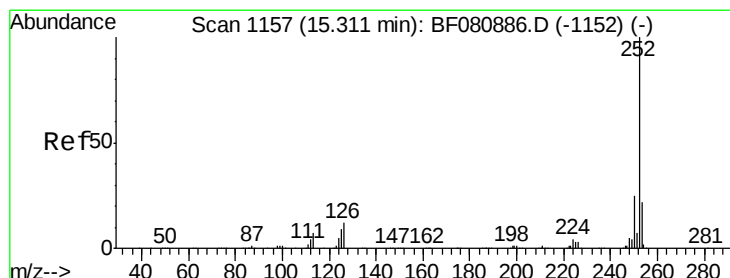
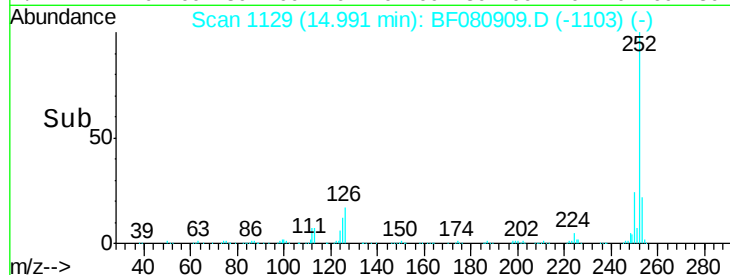
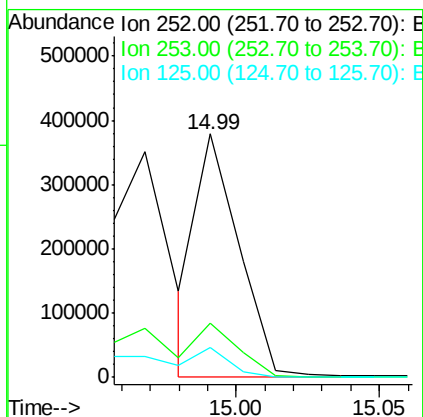
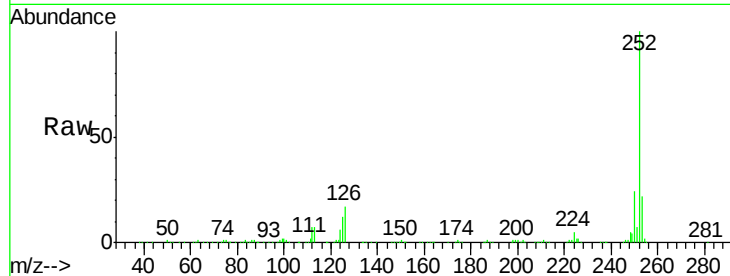
#88
Benzo(k)fluoranthene
Concen: 40.25 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.0	9.8	14.8

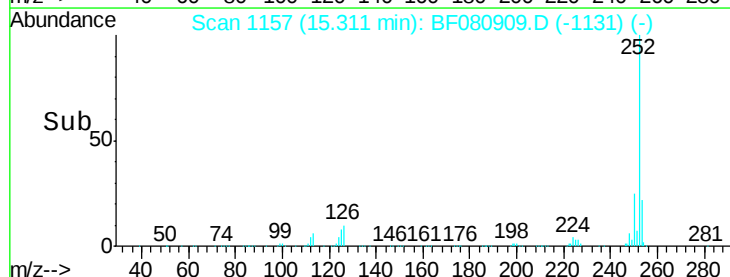
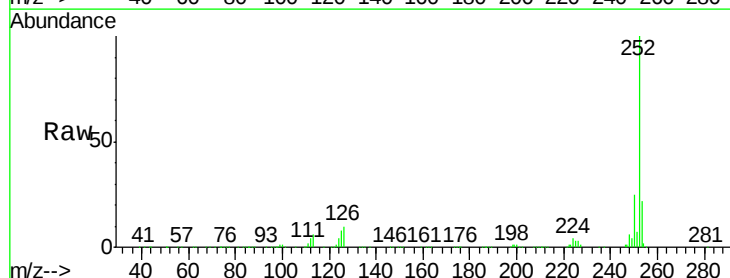
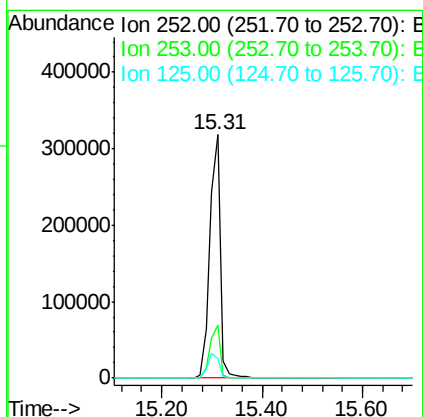
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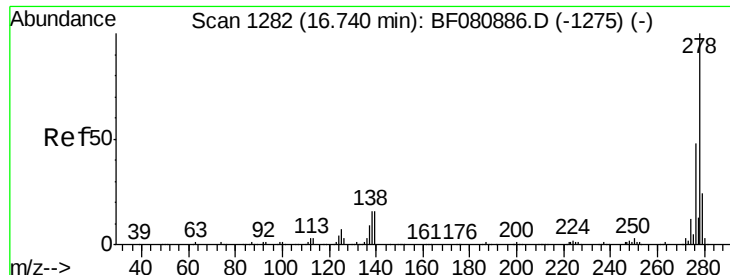
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#89
Benzo(a)pyrene
Concen: 45.90 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.0	7.5	11.3





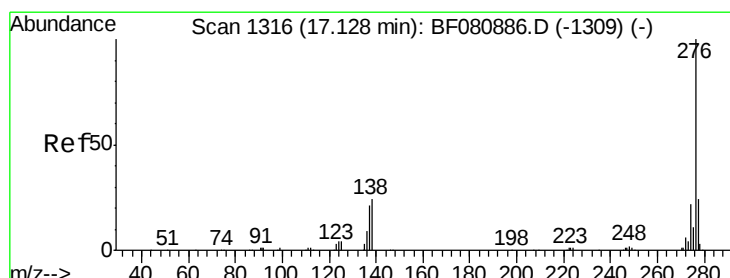
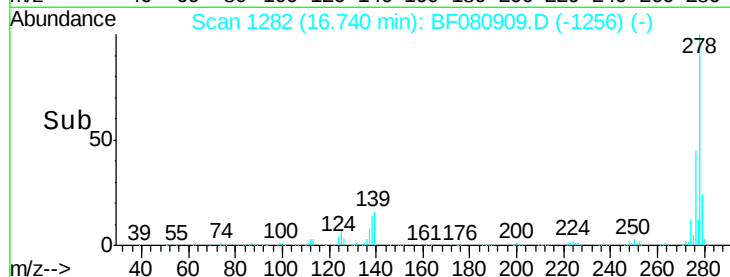
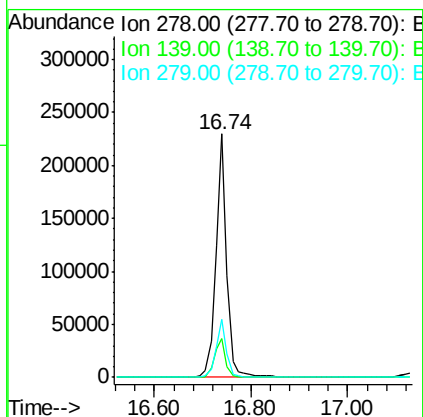
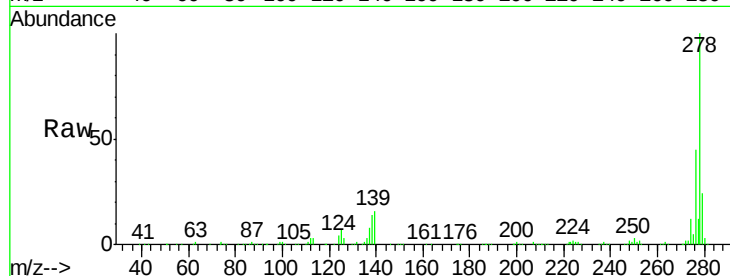
#90
Dibenzo(a,h)anthracene
Concen: 42.07 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
MW-3MS

Tot Ion:	278	Resp:	364717
Ion Ratio	Lower	Upper	
278	100		
139	16.1	13.2	19.8
279	23.7	19.1	28.7

Manual Integrations
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8/10/2015 10:15:48 AM



#91
Benzo(g,h,i)perylene
Concen: 43.72 ng
RT: 17.13 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:	276	Resp:	367371
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.3	28.9
138	23.8	19.1	28.7

